Request No. 1:

Submit a copy of the leases or purchase agreements, including options, separate agreements, or deeds which Clover Creek Solar has entered into in connection with the proposed solar facility, including the agreements for each of the parcels of the project.

Response No. 1:

Please find the Project's redacted agreements filed separately due to file size limits and stamped as Resp. to 1 RFI 01, Pages 001-497.[1]

Responding Witness: Jesse Eick

[1] The unredacted documents have been provided under seal with a concurrently-filed Petition for Confidential Treatment.

Request No. 2:

Detail any contracts by which Clover Creek Solar has paid, has negotiated to pay, or any compensation paid to non-participating landowners, whether cash or otherwise, near the project. Include the terms of the agreements and which properties are involved, in terms of distance, to the project boundaries.

Response No. 2:

There are no agreements with non-participating landowners.

Responding Witness: Jesse Eick

Request No. 3:

Explain why Clover Creek Solar has chosen a site with so many non-contiguous parcels.

Response No. 3:

The overall site location was chosen for its proximity to the New Hardinsburg substation because this substation allows interconnection at the preferred voltage of 138 kV, and allows the project to utilize the existing transmission line owned and operated by Big Rivers Electric Corporation (BREC). See Application, para. 21. Clover Creek Solar Project LLC d/b/a New Frontiers Solar Park ("New Frontiers") then worked with the nearby landowners who expressed interest in participating in the project and entered land use agreements for the relevant parcels accordingly to create a contiguous site.

Responding Witness: Jesse Eick

Request No. 4:

Explain how a non-contiguous Project site can be developed and function as single integrated Project.

Response No. 4:

Parcels which are not immediately adjacent can still be developed effectively to produce electricity. Clover Creek will utilize medium voltage collection lines to connect the applicant's generation infrastructure throughout the site. These collection lines and the easements through which they run effectively create one contiguous/integrated electrical generation facility (the "Project"). See Application Exhibit B, Site Layout Map and Parcel Map.

Responding Witness: Jesse Eick

Request No. 5:

Explain how power generated within the non-contiguous portions of the Project site will be delivered to the substation.

Response No. 5:

As described in the Response to Request No. 4, the site is contiguous. Power produced at any location within the Project will be delivered to the substation through medium voltage collection lines.

Responding Witness: Jesse Eick

Request No. 6:

Explain whether the construction and operational entrances will be locked outside of normal working hours.

Response No. 6:

It is anticipated that construction and operational entrances for the site will be secured and/or locked as necessary outside of those hours identified in the Response to Request No. 8.

Responding Witness: Jesse Eick

Request No. 7:

Provide a schedule for the project, starting from the receipt of the proposed certificate for construction to the completion of the project, including the length of each construction phase. Include when the peak construction would occur within the timeline.

Response No. 7:

A preliminary Project schedule is shown below. These estimated dates are subject to change based on actual ongoing industry-wide supply chain constraints, feasible delivery timeframes of equipment, procurement items, execution of labor contracts, and inclement weather conditions. Peak construction is anticipated to occur between Q3 2025 and Q3 2026.

Milestone	**Timeframe (est.)**
State Siting Board Construction Certificate	Q2 2025
State Permitting: Floodplain, Stormwater, and other Environmental Permits	Q2 2025
Federal Permitting: USACE Jurisdictional Determination	Q2 2025
EPC Mobilization	Q2 2025
Grading: Access roads and entrances begin	Q2 2025
Peak Construction (grading/pile install)	Q4 2025
Substantial Completion	Q3 2026

Responding Witness: Jesse Eick

Request No. 8:

Provide what time of day construction, operation and maintenance activities will begin and end each day.

Response No. 8:

Construction activities will occur Monday through Saturday between 7:00 a.m. and 7:00 p.m. Construction will not be conducted on Sundays unless necessary to make up for delays or to meet deadlines. Non-construction activities will occur Monday through Sunday from dawn until dusk, and may take place prior to 7:00 a.m.

Responding Witness: Jesse Eick

Request No. 9:

Provide a narrative description of the location of each laydown area to be used during construction.

Response No. 9:

Please see the narrative table below for descriptions of laydown areas.

Name	Acres	Parcel ID	Main Road	Length
Laydown Area 1	0.8	44-12	Hwy 60	301 Feet Northeast of main road
Laydown Area 2	2.27	44-26	Hwy 60	785.3 Feet Northeast of main road
Laydown Area 3	1.5	58-12	Hwy 60	5,223.9 Feet Northeast of main road
Laydown Area 4	1.12	58-13A	Hwy 60	4,000 Feet Northeast of main road
Laydown Area 5	0.4	58-13A	Hwy 60	4,400 Feet Northeast of main road
Laydown Area 6	2.53	58-12	Hwy 60	3,016 Feet East of main road
Laydown Area 7	1.32	58-13A	Hwy 60	3,688.5 Feet East of main road
Laydown Area 8	2.06	44-26	Hwy 60	360 Feet Northeast of main road
Laydown Area 9	0.93	44-27A	Hwy 60	309 Feet Southwest of main road
Laydown Area 10	0.62	44-32	Skillman Monarch Ln	150 Feet North of main road
Laydown Area 11	0.68	44-23	Skillman Monarch Ln	1,284 Feet South of main road
Laydown Area 12	1.37	44-23	Skillman Monarch Ln	5,230 Feet Southeast of main road
Laydown Area 13	0.32	59-11C	Hwy 259	2,317 Feet Southwest of main road
Laydown Area 14	0.68	59-11C	Hwy 259	2,871.7 Feet Southwest of main road
Laydown Area 15	2.41	44-23	Skillman Monarch Ln	3,291.3 Feet South of main road
Laydown Area 16	0.36	59-4E	Hwy 60	1,442.8 Feet West of main road
Laydown Area 17	0.54	59-4E	Hwy 60	4,531.3 Feet West of main road
Laydown Area 18	1.32	45-9	Skillman Monarch Ln	6,542.3 Feet South of main road
Laydown Area 19	1.1	45-9	Skillman Monarch Ln	8,201.8 Feet South of main road
Laydown Area 20	0.99	60-6	Hwy 261	6,515.8 Feet West of main road
Laydown Area 21	0.76	74-1	Hwy 261	2,180.8 Feet West of main road
Laydown Area 22	1.45	60-6	Hwy 261	5,386 Feet West of main road
Laydown Area 23	0.45	74-1	Hwy 261	150 Feet West of main road
Laydown Area 24	0.61	74-1	Hwy 261	739.8 Feet Southeast of main road
Laydown Area 25	2.21	60-6	Frank Farm Ln	253.9 Feet South of main road
Laydown Area 26	0.4	60-7	Miller Ln	551.3 Feet North of main road
Laydown Area 27	0.81	60-10	Bens Hole Branch Rd	1,592.6 Feet South of main road
Laydown Area 28	0.68	60-10	Bens Hole Branch Rd	2,981.4 Feet South of main road

Responding Witness: Chad Martin

Request No. 10:

Provide a narrative description of the location to each of the following site features:

a. Each construction entrance.

b. Each entrance to be used in operations.

c. Operation & Maintenance (O&M) area.

d. Each laydown area.

Response No. 10:

a. Narratives for the Project's 11 proposed construction entrances are as follows:

i. **Construction Entrance 1**: Located in the northern part of the Project, off of the east side of Highway 60 by Parcel 44-12. This proposed construction entrance will be utilized during construction for potential laydown yard 1, and the proposed array on that parcel.

ii. **Construction Entrance 2**: Located in the northern part of the Project, off of the east side of Highway 60 by parcel 44-26. This proposed construction entrance will be utilized during construction for potential laydown yard 2, and the proposed solar array on that parcel.

iii. **Construction Entrance 3**: Located in the northern part of the Project, off of the east side of Highway 60 by parcel 58-12. This proposed construction entrance will be utilized during construction for potential laydown yards 3, 4, 5, 6, 7, and 8, and the proposed solar array on parcels 58-12 and 58-13A.

iv. **Construction Entrance 4**: Located in the northern part of the Project, off of the west side of Highway 60 by parcel 44-27A. This proposed

construction entrance will be utilized during construction for potential laydown yards 9, 10, 11, 12, 15, 18, and 19 and the proposed solar array on parcels 44-27A, 44-32, 44-23, and 45-9.

v. **Construction Entrance 5**: Located in the northeastern part of the Project, off of the south side of KY 259 by parcel 59-15. This proposed construction entrance will be utilized during construction for potential laydown yards 13 and 14 and the proposed solar array on parcel 59-11C.

vi. **Construction Entrance 6**: Located in the central part of the Project, off of the west side of Highway 60 by parcel 59-4E. This proposed construction entrance will be utilized during construction for potential laydown yards 16 and 17 and the proposed solar array on parcel 59-4E.

vii. **Construction Entrance 7**: Located in the southern part of the Project, off of the north side of KY 261 by parcel 74-1. This proposed construction entrance will be utilized during construction for potential laydown yards 20, 21, 22, and 23, and the proposed solar array on parcels 74-1 and 60-6.

viii. **Construction Entrance 8**: Located in the southern part of the Project, off of the south side of KY 261 by parcel 74-1. This proposed construction entrance will be utilized during construction for potential laydown yard 24 and the proposed solar array on parcel 74-1.

ix. **Construction Entrance 9**: Located in the southern part of the Project, off of the south side of Frank Farm Lane by parcel 60-6. This proposed construction entrance will be utilized during construction for potential laydown yard 25 and the proposed solar array on parcels 60-6 and 60-7.

x. **Construction Entrance 10**: Located in the southern part of the Project, off of the north side of Miller Lane by parcel 60-7. This proposed construction entrance will be utilized during construction for potential laydown yard 26 and the proposed solar array on parcel 60-7.

xi. **Construction Entrance 11**: Located in the southern part of the Project, off of the south side of Miller Lane by parcel 60-10. This proposed construction entrance will be utilized during construction for potential laydown yard 27 and 28 and the proposed solar array on parcels 60-10.

b. Clover Creek Solar intends to use the 11 proposed construction entrances described in Response No. 10(a) above as entrances during the Project's operations phase.

c. The proposed O&M Area is located in the northern part of the project, on the east side of Highway 60 by Construction Entrance 2. The O&M area is proposed to be placed on parcel 44-26, which will allow for easy ingress and egress for the operations and management teams.

d. See Response to Request No. 9 above.

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Responding Witness: Jesse Eick

Request No. 11:

Provide a detailed table listing all residential structures located within 2,000 feet of the Project boundary line. For each structure, provide:

a. The distance to the boundary line.

b. The distance to the closest solar panel.

c. The distance to the nearest inverter.

d. The distance to the substation.

Response No. 11:

a. Please refer to Table A.1 of the Sound Study, SAR Attachment D, for a table containing all residential structures within 2,000 feet of the Project boundary line.

b. See Response to Request No. 11(a) above.

c. See Response to Request No. 11(a) above.

d. See Response to Request No. 11(a) above.

Responding Witness: Chad Martin

Request No. 12:

Provide a detailed table listing all non-residential structures located within 2,000 feet of the Project boundary line. For each structure, provide:

a. A description of any structure (barn, commercial building, warehouse, church, etc.).

b. The distance to the boundary line.

c. The distance to the closest solar panel.

d. The distance to the nearest inverter.

e. The distance to the substation.

Response No. 12:

a. Please see the attached Non-Residential Structure Table ("Table") for the description of any structure located within 2,000 feet of the Project boundary line, including the distance of each to the boundary line, to the closest solar panel, to the nearest inverter, and to the substation.

b. Please see Table.

c. Please see Table.

d. Please see Table.

Responding Witness: Chad Martin

#	Structure Type	Feet to Nearest Fenceline	Feet to Nearest Panel	Feet to Nearest Inverter	Feet to Nearest Substation
1	Auto Shop	519.6	788.8	1638.7	15816.0
3	Whitworth Tool Inc	1624.5	2026.1	2717.2	1412.7
4	Barn	1344.6	1875.4	2451.6	965.4
5	Breck County Ready Mix Company	1499.4	2099.5	2525.6	386.9
6	Trailersaver Company	753.1	1356.3	1826.4	1086.7
7	Atlas Machine and Supply Company	1069.9	1399.4	2150.6	1656.6
8	Substation	2237.9	2826.3	3264.3	0.0
9	Texas Gas Transmission	1364.5	1487.6	2192.8	3900.3
10	Barn	433.0	566.3	1311.8	3126.9
11	Barn	1845.7	1914.0	1914.8	17119.8
12	Barn	1886.7	2154.4	2994.7	16922.3
13	Barn	460.4	502.2	1145.2	16186.5
14	Barn	727.6	764.5	1621.3	15182.2
15	Barn	521.9	559.4	1403.3	15351.9
16	Barn	477.3	506.0	1355.4	15009.2
17	Shop	555.7	678.1	1557.0	15649.6
18	Barn	493.1	534.6	1046.5	14367.0
19	Barn	291.0	316.3	942.6	14446.8
20	Shop	457.7	519.0	824.6	12899.4
22	Barn	225.1	264.0	1065.1	12735.1
23	Shop	827.6	1343.3	1544.8	13850.5
24	Barn	1816.2	1931.2	3135.0	12500.3
25	Barn	2030.2	2144.5	2347.4	14787.5
26	Barn	1581.4	1624.5	2306.3	13924.5
27	Barn	1647.0	1703.1	1699.2	13736.1
28	Barn	1309.4	1346.6	2361.1	9836.4
29	Barn	1830.5	1859.4	2958.0	9531.3
30	Shop	1023.0	1054.5	2051.3	9895.6
31	Barn	1437.5	1473.3	2500.3	9898.5
32	Barn	1262.5	1288.8	2423.5	9174.0
33	Barn	1500.7	1532.5	2636.5	9543.5
34	Barn	1733.0	1777.4	2827.8	9553.0
35	Barn	1529.1	1650.6	2049.0	8650.9
36	Barn	1906.0	1935.8	2720.4	9220.8
37	Barn	1478.1	1589.8	1930.1	8243.0
38	Barn	1897.8	2010.1	2323.0	8225.7
39	Barn	1173.1	1226.2	1895.2	8014.4
40	Barn	1400.2	1441.0	2102.6	8252.9
41	Barn	1150.3	1183.4	1836.9	8017.4
42	Barn	1050.6	1040.2	1713.9	7944.4
43	Barn	631.7	662.2	1300.1	7452.7
44	Barn	600.5	659.2	1362.8	7601.2
45	Barn	524.0	606.0	1129.4	7312.2
46	Barn	422.7	635.2	1096.1	7112.0
47	Barn	735.6	1057.9	1461.0	7379.0
48	Barn	686.5	796.2	1534.3	6787.0
49	Barn	847.7	952.0	1656.1	6898.2
50	Barn	943.8	1015.2	1687.7	7136.0
51	Barn	1634.4	1773.6	2498.9	7705.5
52	Barn	862.9	975.2	1752.3	6655.2
53	Barn	1633.7	1731.4	2374.6	7701.5
54	Barn	1763.5	1875.5	2634.6	7525.9
55	Barn	1903.2	2022.8	2725.3	7780.6
56	Texas Gas Transmission	1174.5	1254.9	2137.7	3378.8
57	Barn	1920.9	2029.5	2894.0	3034.8
58	Barn	613.3	747.6	1625.0	2702.0
59	Barn	544.2	658.5	1544.0	2617.6
60	Barn	1914.3	2002.0	2873.3	2874.4
61	Greenhouse	1458.7	1600.7	2016.1	4369.3
62	Substation	3181.6	3603.5	3850.3	0.0
63	Barn	1691.1	1799.1	2589.0	6017.1
64	Barn	922.0	1022.9	2150.0	10307.3
65	Barn	1433.4	1494.6	2319.9	10413.9
66	Agricultual buildings	400.8	427.8	1007.4	8857.9
67	Barn	296.1	384.7	745.0	8904.7
68	Agricultual buildings	383.8	423.1	1173.6	8549.8
69	Barn	369.5	281.0	1155.0	10200.0
70	Barn	518.0	590.0	1377.0	11109.0

71	Barn	535.0	812.6	1544.5	7119.0
71	Barn	610.0	831.0	1538.8	6803.0
72	Barn	135.3	156.8	940.9	8827.3
73	Barn	160.0	216.3	1038.0	8800.0
74	Barn	2221.7	2224.0	2668.5	2649.0
75	Barn	2811.0	2817.6	3214.4	1995.7
76	Barn	2805.0	2820.3	3216.5	1999.3
78	Barn	2383.5	2441.4	2962.7	2630.7
79	Garage/Barn	1286.2	1615.7	2097.2	3658.4
80	Barn	1361.5	1656.9	2172.9	3952.1
81	Barn	1543.0	1767.2	2290.2	3927.8
82	Barn	1637.0	1889.3	2373.1	3616.6
83	Shop	2016.0	2215.2	2730.4	3662.2
84	Shop	1976.0	2199.3	2744.0	4052.3
85	Shop	2001.0	2233.7	2772.4	3754.8
86	Barn	1869.0	2050.0	2662.3	6599.3
87	Barn	1871.2	2052.2	2667.4	6586.2
88	Barn	142.4	182.8	961.5	7733.7
89	Barn	209.7	227.9	874.5	7729.9
90	Barn	496.2	568.6	819.9	10997.3
91	Dilapidated Barn	111.4	131.4	425.9	10818.8
92	Barn	140.0	286.2	247.7	10851.0
93	Barn	843.5	850.6	861.5	10241.4
94	Barn	871.6	956.6	917.7	10321.6
95	Shop	420.1	497.6	708.6	9744.8
96	Shop	578.0	716.6	881.2	9953.9
97	Shop	1820.9	1887.8	2254.8	13421.9
98	No structure	1365.3	1541.2	2285.5	11992.0
99	Barn	1026.0	1201.8	1939.6	11939.4
100	Shop	852.7	985.1	1791.6	11619.1
101	Shop	799.8	928.5	1748.0	11092.7
102	Shop	822.3	946.2	1753.8	11622.8
103	Barn	662.8	795.8	1616.7	11221.7
104	Barn	580.5	686.2	1520.4	11056.6
105	Barn	536.1	611.3	1404.0	10799.0
107	Shop	414.4	511.7	1694.0	10384.9
108	No structure, in middle of panels	141.0	0.0	715.0	9093.1
109	Barn	1241.3	1301.1	2228.9	10359.7
110	Barn	1482.9	1538.5	2421.5	10648.6
111	Barn	1661.2	1703.1	2638.1	10714.3
112	Dilapidated Structure	186.3	234.6	785.7	9169.7
113	Barn	431.3	549.4	1093.7	9473.0
114	Shop	1575.3	1643.4	2038.9	11606.3
115	Shop	1955.3	2072.2	2562.5	11543.6
116	Barn	184.0	238.6	914.1	9251.0
117	Barn	147.0	204.4	893.6	8253.6
118	Shop	633.6	700.3	1275.9	7752.1
119	Shop	1098.1	1134.4	1657.2	8531.4
120	County Coop Building	1111.9	1168.2	1754.2	8266.8
121	Recycle Center	1352.2	1414.9	2347.2	9399.3
122	Business	1981.3	2021.9	2654.1	8614.5
123	Business	1741.9	1829.1	2443.9	8099.8
124	Business	1794.3	1846.0	2547.3	7974.4
125	Business	1872.1	1954.3	2563.2	8089.2
126	Shop	822.0	861.4	477.9	6045.8
127	Barn	1623.2	1789.4	2218.3	4733.3
128	Barn	1631.0	1795.2	2224.5	4743.0
129	Barn	959.0	962.2	1551.6	11252.1
130	Barn	935.1	971.9	1580.8	11269.3
131	Barn	511.0	517.3	1151.0	10891.1
132	Shop	324.5	399.2	669.7	10222.7
133	Shop	1124.8	1175.7	1741.8	11830.1
134	Barn	1135.3	1191.4	1798.4	11812.3
135	Shop	1009.1	1138.2	2458.6	10335.4
136	Shop	826.2	941.3	2224.6	11703.6
137	Shop	1015.2	1126.2	2201.2	11815.5
138	Shop	1793.5	1831.9	2326.7	12220.0

Request No. 13:

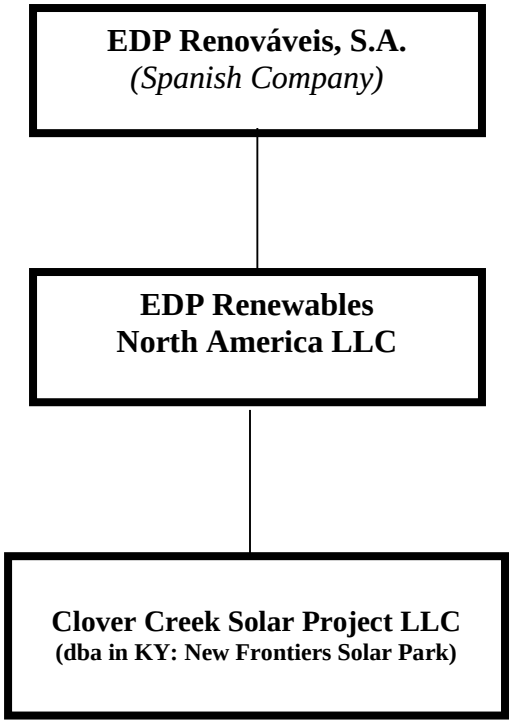
Refer to the Application, Record of Environmental Violations at 12. Provide the entities with a direct ownership interest in Clover Creek Solar. Also provide the corporate structure of those entities.

Response No. 13:

Please see the attached organizational chart for entities with a direct ownership interest in Clover Creek Solar and the corporate structure of those entities.

Responding Witness: Jesse Eick

CLOVER CREEK SOLAR PROJECT LLC
Ownership Chart



Request No. 14:

Provide a list of permits that will be required from any other local, state, or federal agencies for the project. Include in the response the status of those permits.

Response No. 14:

All necessary air, water, and waste permits and authorizations will be obtained before construction and operation of the Project. The Project's final site design will determine which permits will be required. Please see the attached list of potential permit authorizations that may be required for Project development.

Additionally, Breckenridge County currently has an ordinance that references three types of solar energy systems (SES) with correlating requirements for each type. However, this ordinance does not define the types of SES or give guidance as to what constitutes an SES, and it further does not contain any processes or procedures for preparing or filing an application for an SES. As such, Breckenridge County does not have a local permitting process that applies to the Clover Creek Solar Project at this time. Notably, the Project meets or exceeds the setbacks described in the ordinance. Breckenridge County does not have a comprehensive plan or a Planning Commission.

Responding Witness: Jesse Eick

Clover Creek Solar Project Permit Matrix

Permit	Agency	Status	Notes
Federal			
Clean Water Section 401/404 Permit(s)	U.S. Army Corps of Engineers	Start: December 2024 (if applicable) End: March 2025 (target)	
Endangered Species Act (ESA) Section 7 Consultation	U.S. Fish & Wildlife Service	Start: Summer 2024 (coordination in progress) End: March 2025 (target)	Submitted contribution to imperiled bat fund mitigation; commenced coordination with Kentucky Department of Fish and Wildlife Resources.
Migratory Bird Treaty Act (MBTA)	U.S. Fish & Wildlife Service	No permit anticipated, general USFWS coordination in progress.	
Bald and Golden Eagle Protection Act (BGEPA)	U.S. Fish & Wildlife Service	No permit anticipated, general USFWS coordination in progress.	
State			
Construction Certificate	Kentucky State Board on Electric Generation and Transmission Siting	Start: November 4th, 2024 End: May 3rd, 2025	Certificates will be for generation facility and nonregulated electric transmission line.
KPDES KYR10 Stormwater Construction General Permit	Kentucky Energy and Environment Cabinet, Division of Water	Not yet submitted; anticipated submittal 90 days prior to construction.	Includes submittal of Storm Water Pollution Prevention Plan.
Floodplain Construction Permit	Kentucky Energy and Environment Cabinet, Division of Water	Not yet submitted.	
National Historic Preservation Act - Section 106 Consultation	Kentucky Heritage Council - State Historic Preservation Office	Not yet submitted; no permit anticipated.	
Threatened & Endangered Species Consultation	Kentucky Department of Fish and Wildlife Resources	Start: November 2024 End: January/February 2025	No permit anticipated, coordination in progress.
Road Encroachment Permit(s)	Kentucky Transportation Cabinet	Not yet submitted.	
Utility Crossing Permit(s)	Kentucky Transportation Cabinet	Not yet submitted.	
Overweight/Over-Dimensional Permit	Kentucky Transportation Cabinet	Not yet submitted.	
Building Permit	Kentucky Dept. of Housing, Building and Construction	Not yet submitted.	For O&M building.
Local			
Road Use Agreement	Breckinridge County Fiscal Court	Not yet submitted.	Applicant anticipates Breckinridge County to require road repair language in the form of MOU or Resolution that is executed. Contractor to support repairs as required.
Decommissioning Agreement	Breckinridge County Fiscal Court	Not yet submitted.	Plan to have resolution signed by county that states that we are in compliance with 2022 ordinance, which outlines decommissioning requirements

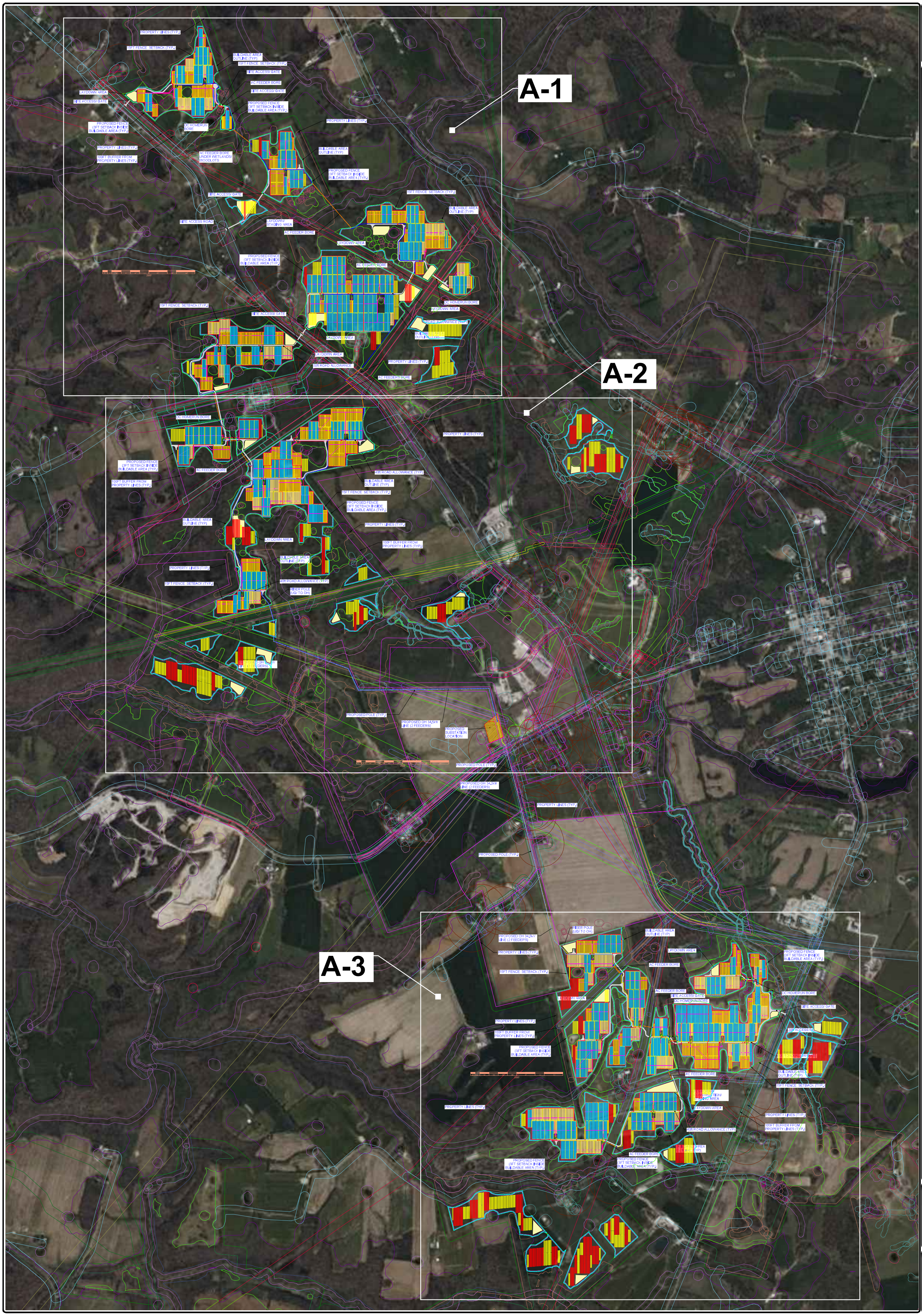
Request No. 15:

Refer to the Site Assessment Report (SAR), Attachment A, Preliminary Site Layout. The map that is provided is not legible. Provide an updated site plan for the proposed project that is of sufficient quality. Separate the site plan into discrete project areas and file the documents separately so each one can be accessed and enlarged.

Response No. 15:

Please see the attached updated SAR Attachment A.

Responding Witness: Jesse Eick



PCL CONSTRUCTION

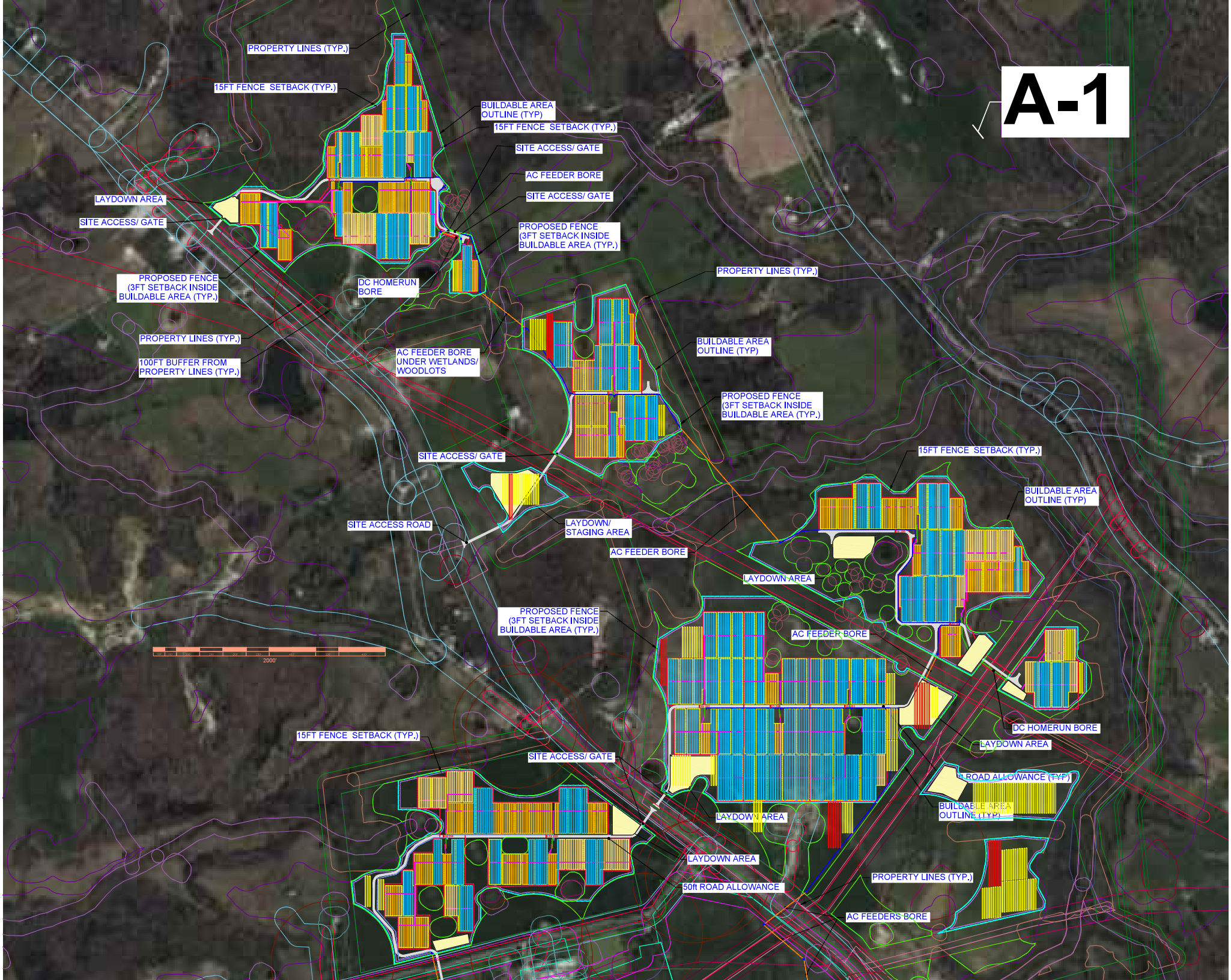
TORONTO DISTRICT
2201 Bristol Circle, Suite 500
Oakville, Ontario, L6H 0J8
Phone: 905-276-7600

LEGEND

- -4.3 MVA INVERTER STATION / -4.3 MVA TRANSFORMER
- BLOCK OUTLINE
- DC DISCONNECT SWITCH BOUNDARY OUTLINE
- DC DISCONNECT SWITCH
- DC UNDERGROUND TRENCH
- DC ABOVE GROUND
- SECURITY FENCE
- 15' FENCE SETBACK LINE
- 16' SITE ACCESS ROAD
- BORE & SPLICE LOCATION FOR AC/DC CABLE RUNS
- 3-WAY SPLICE KIT
- 1-WAY SPLICE KIT
- 34.5kV AC COLLECTOR FEEDER 1
- 34.5kV AC COLLECTOR FEEDER 2
- 34.5kV AC COLLECTOR FEEDER 3
- 34.5kV AC OVERHEAD FEEDER 1
- 34.5kV AC OVERHEAD FEEDER 2
- 34.5kV AC OVERHEAD FEEDER 3

Rev. No.	Initials	Date	Description
3	M.D.	09/05/24	ISSUED FOR REVIEW (NEW LAYOUT)
2	A.M.	08/16/24	ISSUED FOR REVIEW (NEW LAYOUT)
1	E.S.	06/04/24	ISSUED FOR REVIEW (AC UPDATE)
0	W.A.	05/31/24	ISSUED FOR REVIEW

Plot Scale: As Shown
Date: May 31, 2024
Drawn By: M.D.
Checked By: W.A.
Sheet Title:
EDPR - Clover Creek
Site Layout (685W Modules)
PERMITTING LAYOUT
PCL Job No.:
Sheet No.: PCL-1.3


A-1
PROPERTY LINES (TYP.)
15FT FENCE SETBACK (TYP.)
BUILDABLE AREA OUTLINE (TYP)
15FT FENCE SETBACK (TYP.)
SITE ACCESS/ GATE
AC FEEDER BORE
SITE ACCESS/ GATE
LAYDOWN AREA
SITE ACCESS/ GATE
PROPOSED FENCE (3FT SETBACK INSIDE BUILDABLE AREA (TYP.)
PROPOSED FENCE (3FT SETBACK INSIDE BUILDABLE AREA (TYP.)
DC HOMERUN BORE
PROPERTY LINES (TYP.)
PROPERTY LINES (TYP.)
BUILDABLE AREA OUTLINE (TYP)
100FT BUFFER FROM PROPERTY LINES (TYP.)
AC FEEDER BORE UNDER WETLANDS/ WOODLOTS
PROPOSED FENCE (3FT SETBACK INSIDE BUILDABLE AREA (TYP.)
SITE ACCESS/ GATE
15FT FENCE SETBACK (TYP.)
BUILDABLE AREA OUTLINE (TYP)
SITE ACCESS ROAD
LAYDOWN/ STAGING AREA
AC FEEDER BORE
LAYDOWN AREA
PROPOSED FENCE (3FT SETBACK INSIDE BUILDABLE AREA (TYP.)
AC FEEDER BORE
2000'
DC HOMERUN BORE
15FT FENCE SETBACK (TYP.)
LAYDOWN AREA
SITE ACCESS/ GATE
50ft ROAD ALLOWANCE (TYP.)
BUILDABLE AREA OUTLINE (TYP.)
LAYDOWN AREA
LAYDOWN AREA
PROPERTY LINES (TYP.)
50ft ROAD ALLOWANCE
AC FEEDERS BORE


DC HOMERUN BORE
PROPERTY LINES (TYP.)
PROPOSED FENCE (3FT SETBACK INSIDE BUILDABLE AREA (TYP.)
AC FEEDER BORE
40ft ROAD ALLOWANCE (TYP)
100FT BUFFER FROM PROPERTY LINES (TYP.)
BUILDABLE AREA OUTLINE (TYP)
15FT FENCE SETBACK (TYP.)
PROPOSED FENCE (3FT SETBACK INSIDE BUILDABLE AREA (TYP.)
A-2
BUILDABLE AREA OUTLINE (TYP)
PROPERTY LINES (TYP.)
LAYDOWN AREA
100FT BUFFER FROM PROPERTY LINES (TYP.)
BUILDABLE AREA OUTLINE (TYP)
PROPERTY LINES (TYP.)
15FT FENCE SETBACK (TYP.)
40ft ROAD ALLOWANCE (TYP)
RISER POLE (UG/ TO OH)
PROPOSED OH 34.5kV LINE (2 FEEDERS)
PROPOSED POLE (TYP.)
PROPOSED OH 34.5kV LINE (2 FEEDERS)
PROPOSED SUBSTATION LOCATION
PROPOSED POLE (TYP.)


A-3
RISER POLE (UG/ TO OH)
BUILDABLE AREA OUTLINE (TYP)
PROPOSED OH 34.5kV LINE (2 FEEDERS)
PROPERTY LINES (TYP.)
LAYDOWN AREA
PROPOSED FENCE (3FT SETBACK INSIDE BUILDABLE AREA (TYP.)
AC FEEDER BORE
15FT FENCE SETBACK (TYP.)
AC FEEDER BORE
SITE ACCESS/ GATE
DC HOMERUN BORE
DC HOMERUN BORE
SITE ACCESS/ GATE
PROPERTY LINES (TYP.)
100FT BUFFER FROM PROPERTY LINES (TYP.)
PROPOSED FENCE (3FT SETBACK INSIDE BUILDABLE AREA (TYP.)
2000'
AC FEEDER BORE
BUILDABLE AREA OUTLINE (TYP)
15FT FENCE SETBACK (TYP.)
TEMPORARY CONSTRUCTION/ STAGING AREA
PROPERTY LINES (TYP.)
LAYDOWN AREA
PROPERTY LINES (TYP.)
100FT BUFFER FROM PROPERTY LINES (TYP.)
40ft ROAD ALLOWANCE (TYP)
AC FEEDER BORE
PROPOSED FENCE (3FT SETBACK INSIDE BUILDABLE AREA (TYP.)
PROPOSED FENCE (3FT SETBACK INSIDE BUILDABLE AREA (TYP.)

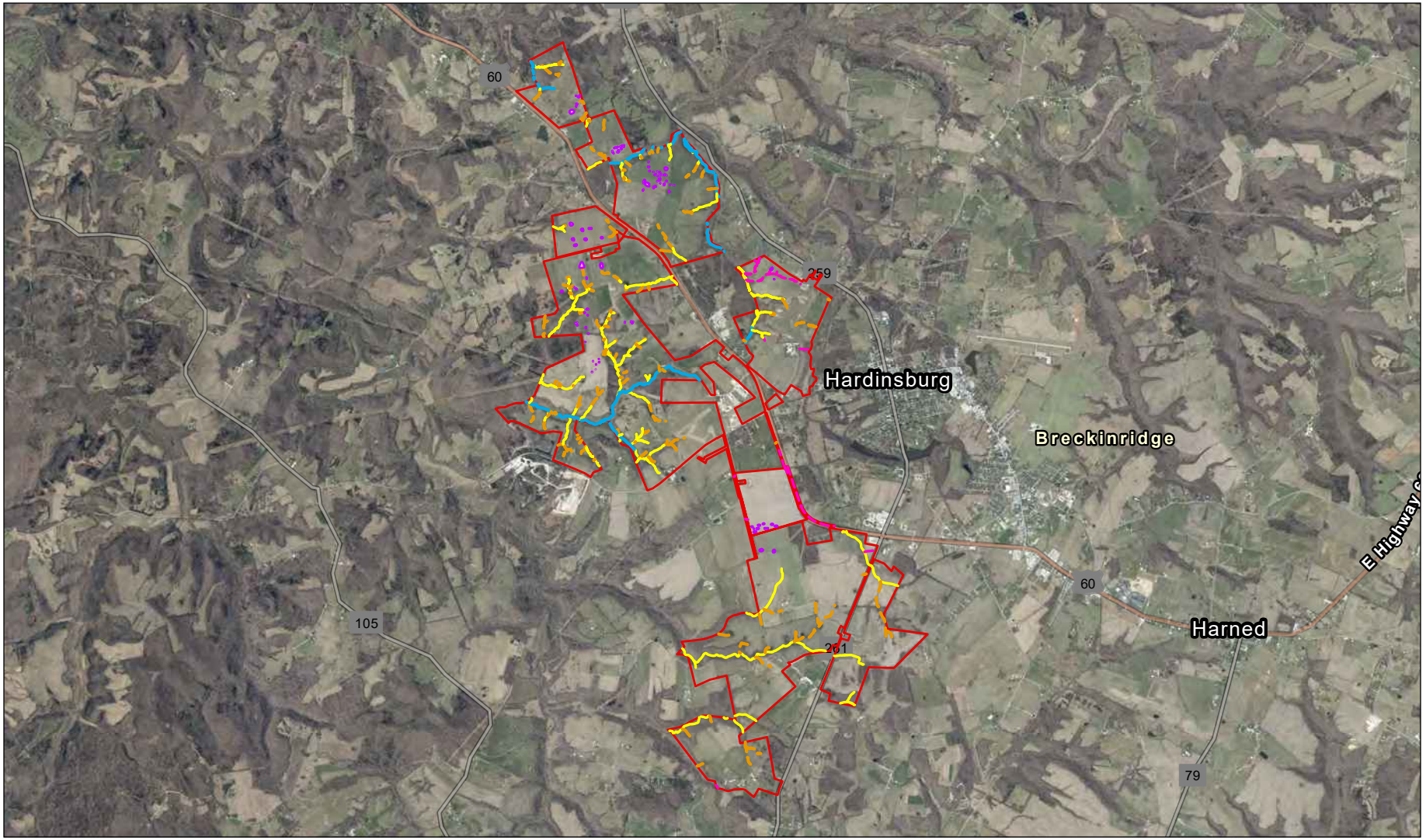
Request No. 16:

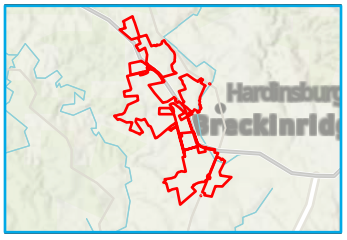
Refer to the SAR, Attachment A, Preliminary Site Layout. Provide a one page site map that contains the locations water features, including rivers, streams, lakes, and ponds. Also include any known or suspected karst features.

Response No. 16:

Please see the attached site map showing water and karst features.

Responding Witness: Chad Martin





Clover Creek Phase 3 Kast Assessment Features

- Ditch
- Ephemeral Stream
- Intermittent Stream
- Perennial Stream
- PEM
- PFO
- PUB
- PSS
- Project Area

N

0 5,500 Feet

(At original document size of 8.5x11) 1:75,254

Notes

1. Coordinate System: NAD 1983 StatePlane Kentucky FIPS 1600 Feet

2. Data Sources: Stantec (2024)

3. Background: KyFromAbove Orthoimagery (2021)

Stantec

Prepared by KC on 2024-12-30

Project Location
Breckinridge County, Kentucky

Client/Project	235300918
Client	EDP Renewables
Project	Clover Creek Solar
Report	Wetland Delineation Report

Appendix:
A

Title
Delineated Features and Karst (Overview)

U:\235\235301184\03_data\gis_cad\Projects\WithoutPN\Clover Creek\Clover Creek.aprx Revised: 2024-12-30 By: KCLEVE

Request No. 17:

Explain whether the perimeter security will be installed according to National Electrical Safety Code (NESC) standards. Include in the response whether the fencing will be installed before any electrical work begins.

Response No. 17:

The perimeter security fence will be installed in accordance with the applicable NESC standards prior to commencing any electrical work.

Responding Witness: Jesse Eick

Request No. 18:

Explain whether the substation have its own separate fencing and will it comply with NESC standards.

Response No. 18:

The Project substation will have its own separate fencing compliant with the applicable NESC standards.

Responding Witness: Jesse Eick

Request No. 19:

Provide the total length of cabling to be used in the projects' collection system.

Response No. 19:

It is anticipated that 75,100 Linear feet of collection cabling will be dispersed throughout the Project area.

Responding Witness: Jesse Eick

Request No. 20:

List all churches or other religious facilities within a two-mile radius of the project. Provide the corresponding distances from the facility to the closest site boundary.

Response No. 20:

Please see the below table of churches within two miles of the project including corresponding distances. Also refer to the map included in Application Exhibit B, Sensitive Resources within Two Miles of the Project.

Name	Address	GPS	Distance (miles)	Direction from Project area
Hardinsburg Baptist Church	515 US Highway 60 Byp, Hardinsburg, KY 40143	37.761673°-86.470590°,	0.01	E; Immediately adjacent to central portion of Project
New Bethel Church	504 Highway 2779, Hardinsburg, KY 40143	37.830358°, -86.503524°	0.83	N
St. Romuald Catholic Church	N Main St, Hardinsburg, Ky 40143	37.786660°, -86.461633°	0.5	E
Hardinsburg United Methodist	123 S Main St, Hardinsburg, KY 40143	37.781549°, -86.460962°	0.58	E
Talbert Chapel Methodist Church	312 E 2nd St, Hardinsburg, KY 40143	37.782033°, -86.456181°	0.86	E
Restorations Church	419 3rd St Hardinsburg, KY 40143	37.781970°, -86.453008°	1.39	E
First Baptist Church	142 Docile Dr Hardinsburg, KY 40143	37.783400°, -86.452567°	1.93	E
Kingdom Mission Church	221 Ball Park Rd Hardinsburg, KY 40143	37.764369°, -86.444513°	0.89	E

Responding Witness: Chad Martin

Request No. 21:

Provide any communication with any churches or other religious facilities regarding the project. Provide any concerns that were raised.

Response No. 21:

Project representatives spoke with Pastor Tod Brown from the Hardinsburg Baptist Church to address various concerns and questions received from church congregants. To the best of project representatives' knowledge, there have been no follow up conversations or similar requests.

Responding Witness: Jesse Eick

Request No. 22:

Explain if an Engineering, Procurement, and Construction (EPC) firm has been selected for the project. Provide the request for proposal (RFP) for the EPC contractor.

Response No. 22:

Please see the attached RFP. At this time, two EPC firms will work on the Project. PCL Industrial Construction Company will perform photovoltaic and medium voltage work, and M.J. Electric will perform any high voltage work.

Responding Witness: Jesse Eick

CONFIDENTIAL AND INTENDED FOR ADDRESSES ONLY

Request for Proposal

EDP Renewables North America, LLC

Clover Creek Solar Park LLC

Date: July 8, 2022

Table of Contents:

1. Introduction

EDP Renewables North America, LLC "**EDPR NA**" and or "**Company**" is pleased to invite you to submit a competitive proposal for the scope(s) of work listed in Section 2 herein (the "**Acknowledgment of Receipt**") and as more fully described in the exhibits referenced herein. This Request For Proposal ("**RFP**") shall be open to those parties directly contacted by the Company (each a "**RFP Participant**"). Those eligible parties responding to this RFP (each a "**RFP Respondent**" or "**Bidder**") are requested to provide the proposal(s) (each a "**Proposal**" or "**RFP Proposal**") for the scope(s) of work requested (the "**Services**"). In preparing the Proposal, it is essential that all requirements of the enclosed RFP are adhered to.

All Proposals must be received by the RFP Manager (as defined below) by the deadline set forth in the Acknowledgment of Receipt and will be reviewed after that time. **Late or incomplete Proposals will not be considered**. Proposals, including proposed prices shall be extended and remain **FIRM** and binding on the RFP Respondent(s) through the earlier of: (i) the date of the completion of negotiations of the EPC Agreement (the "**Contract**") or (ii) one hundred eighty (180) days. Such period may be extended by mutual agreement of the RFP Respondent and Company.

A duly authorized officer of the RFP Respondent must sign the Proposal. All materials and Proposals received by the Company from the RFP Respondents in response to this RFP will not be returned to the RFP Respondents. All materials and Proposals submitted by the RFP Respondents will become the property of the Company and may be used by the Company for the purpose of evaluating the Proposals, executing any Contracts, and administering any resulting definitive agreements.

The Company reserves the right to revise, suspend, or terminate this RFP and any schedule related thereto, in its sole discretion, without liability to the RFP Participants and/or RFP Respondents. The Company reserves at all times the right to invite additional parties to participate in this RFP and change the technical and other requirements of the Project.

The Company, in its sole discretion, shall evaluate and select Proposals that, if any, provide the most value to the Company. The Company shall determine in its sole discretion the value of the Proposals. The Company shall evaluate the Proposals in terms of price and non-price attributes.

Without limiting any other provision of this RFP, the Company reserves the right, without qualification and in its sole discretion:

- To reject any or all Proposals or any portion of any Proposal received for failure to meet any criteria set forth in this RFP or otherwise
- To decline to enter into an arrangement with any Participant, terminate negotiations with any Participant, or to abandon the RFP process in its entirety at any time and without notice to RFP Participants thereof
- To make an award on a basis other than lowest priced Proposal
- To waive any failure of any Proposal to comply with the requirements of this RFP or to decline to disqualify a non-compliant Proposal
- To re-issue a request for proposals for all or any part of the scope of work that is the subject of this RFP, with or without any additional scope, at a later time
- To decline to enter into an arrangement with any Participant, terminate negotiations with any Participant, or to abandon the RFP process in its entirety any time and without notice to Participants

- To make an award to any one or multiple Participants of the RFP process for all or any part of the scope of work.

Those RFP Respondents who submit Proposals agree to do so without any legal recourse against the Company, its affiliates or subsidiaries, and their directors, officers, employees and agents; for rejection of their Proposal(s) or for failure to execute an agreement for any reason. The Company shall not be liable to any RFP Respondent or party in law or equity for any reason whatsoever for any acts or omissions arising out of or in connection with this RFP. By submitting its Proposal, each RFP Respondent waives any right to challenge any valuation by the Company of any Proposal, of any RFP Respondent, any other decision of the Company contemplated by this RFP, or any resulting commercial relationship related to a selected Proposal. Each RFP Respondent, in submitting its Proposal, irrevocably agrees and acknowledges that it is making its Proposal subject to and in agreement with the terms of this RFP and agrees that the Company shall be entitled to specific performance of their rights hereunder and injunctive relief.

Each RFP Participant and RFP Respondent shall solely bear all costs incurred to compile, prepare, submit, or negotiate its Proposal, the Contract, or for any other activity related thereto (such as phone calls, meetings, negotiations, etc.). All Proposals are submitted at the RFP Participant's own free will. RFP Participants and RFP Respondents will not be reimbursed for any cost associated with this RFP.

Each Bidder is requested to sign and return a completed Acknowledgement of Receipt (Section 2) via e-mail, along with the first 5 pages of this RFP, in a single pdf, addressed to the RFP Manager; such submittal shall be referred to as the "**Intent to Bid**".

Regards,
Amy Zaczek

RFP Manager
EDP Renewables North America LLC
346-445-4207
Amy.Zaczek@edp.com

2. Acknowledgement of Receipt

Acknowledgement of Receipt for Services includes acceptance of the terms and conditions described in this RFP with intent to submit a technical and commercial Proposal as shown in the RFP Milestones below.

Project Name	Solar Capacity	Scope	Location
Clover Creek Solar Park LLC	100MWac	Solar PV/MV	Breckenridge, Kentucky

RFP Milestones	Date
RFP RELEASE Date	July 8, 2022
Intent to Bid Due Date (5:00PM CST)	July 14, 2022
Submission of all Clarifications / Questions	July 29, 2022
Proposal Due Date	**August 19, 2022**
The below is an approximate timeline for review and short List for this RFP. Please note that a lack of adherence to the criteria set forth in this RFP and / or delay of review and acceptance of the exhibits included in this RFP, may delay short list and / or the Contract Execution Date.	
Company Technical & Commercial Review	August 2022
Short List	September 2022
Contract Execution Date	**November 2022**

RECEIPT ACKNOWLEDGED:

Please Sign:_____ Date: _____

Company: _____ Name: _____ Title: _____

SHAREFILE ACCESS:

Please confirm the names and email addresses to be given Sharefile access where the RFP documents may be found.

Name:_____ Email:_____

Name:_____ Email:_____

3. Project Overview

EDP Renewables North America, LLC ("**EDPR NA**" or "**Company**") and its subsidiaries (each a "**Company**") develop, construct, own, and operate wind farms and solar parks throughout North America. Headquartered in Houston, Texas, with more than 7,300 megawatts (MW) and operates more than 7,000 MW of renewable energy projects. With approximately 700 employees, Company's highly qualified team has a proven capacity to execute projects across the continent.

RFP Respondents will be asked to provide a Proposal in accordance with Company's RFP requirements as requested herein. RFP Respondent shall provide competitive pricing as a fixed fee Proposal for the Services that Bidder is capable in performing in accordance with the Contract and all applicable exhibits.

Project Name	Solar Capacity	Scope	Location
Clover Creek Solar Park LLC	100MWac	Solar PV/MV	Breckenridge, Kentucky

4. Proposal Guidance

EDPR NA is providing bidders with multiple technical exhibits to support the bid process. The bidders shall consider all technical exhibits and information to support their Proposal. It is the intent of EDPR NA to have the bidders provide a layout optimized to the minimum P50 provided in Exhibit D6 as a part of the Submission (Section 6). The layout should be based on, but not limited to, the site information Exhibit H, the constraints map in Exhibit H2 and Design Requirements.

As guidance, EDPR NA has provided parameters in Exhibit D6 used to generate the P50. The bidders have the freedom to optimize these parameters as long as the minimum P50 is obtained. The bidder may use the EDPR provided parameters as the basis of their bid if they choose not to optimize. However, additional time will not be provided later in the bid process to further optimize the layout. A longer time period has been provided in the first round to allow bidders to give the lowest cost of project while still hitting the minimum P50. For the energy analysis, the bidders shall use the EDPR provided PVSYST inputs, which includes requirements on weather files, losses, module performance and other items (Attachment 1 to Exhibit D6).

The Proposal shall include equipment from the approved vendor list as defined in Exhibit I-1. The base bid should assume only these vendors and if savings are available using other vendors, a value add option should be provided or if others are requested then Bidder shall bear the risk prior to the approval designation by EDPR post execution. The bidders should take note of the early milestones required for the design and construction of the switchyard access road and pad. EDPR needs to understand the start time required to support this to ensure the feasibility of supporting this.

5. Bidder Questions

All requests, questions, and communications regarding the commercial and technical aspects of this RFP shall ONLY be directed to the email designed herein, addressed to the RFP Manager and must be submitted by RFP Milestone dates set forth in Section 2 (Acknowledgment of Receipt). Responses to Bidder questions will be provided to all Bidders by Company.

6. Submission of Proposal

The goal of releasing this RFP is to award and execute a Contract for the Services by the Contract Execution date shown in Section 2. Bidder's Proposal for this RFP shall be submitted/uploaded to the Sharefile link provided by the RFP Manager by the Proposal Due Date in Section 2. All of the documents/exhibits in this RFP package will be shared by Company to Bidder(s) use Sharefile. A link to this Sharefile folder will be shared by the RFP Manager via email once the Intent to Bid has been signed and returned. Any additional documentation to the RFP will be shared via a formal Addendum in an email. Any additional team members Bidder wants to access the RFP package in Sharefile, should be included in the signed Intent to Bid. Any individuals added to the Sharefile site should receive an email within twenty four (24) hours with instructions on how to access the RFP documentation. If you do not receive this email in your inbox, please check your spam.

All Proposals must be received by the RFP Manager via Sharefile **NO LATER THAN** the Proposal Due Date set forth in Section 2. Late or incomplete Proposals will not be considered.

6.1 "**Exhibit Tracker**" in Attachment 1 has been provided to Bidders in an excel document to be used as a checklist for all documentation that the Company has released to Bidder at the time of the RFP. Due to the nature of the type of Service and/or the timing of release, some items may be marked as 'Not Provided'. Bidder shall produce all documents that show "Contractor" as the owner of the Exhibit in the table. Any items that have been 'Provided' to Bidder from EDPR, should receive a response status from Bidder, for example "In Process, see Redline" or "Accepted as Final". Please note that all line items should be used as a comprehensive action items list (checklist) to complete **prior** to the Proposal submission to Company. Bidder shall provide their status and any applicable notes to each line item before sending back to Company.

6.2 Pricing: Pricing shall be submitted on the Pricing Sheet and Exhibit F-1 Milestone Payment Schedule, also referred to as the "**Schedule of Values**", which have been provided in this RFP release package. The base price should include all scope as defined in Exhibit A. If the bidders want to propose cost savings options by deviating from the SOW or engineering guidelines they should communicate this through attachment 2 Modification Documents, as further described in Section 5.4 below. For sake of clarity, scope removal is not value engineering option. Please note that Company reserves the right to reject any Proposals that do not include all relevant prices requested in the Pricing Sheet. Contract price, as submitted from the Bidder, shall include, among other things, all materials, supervision, labor, services, equipment, tools, consumables, supplies, testing, warehousing, temporary facilities, utilities, insurance, contractor permits, overhead, and profit in accordance with all of the documents / requirements included in this RFP.

Contract price shall also include any and all sales and use taxes, with the exception of any sales and use tax imposed on Services eligible for exemption and addressed in the draft Contract. The Contract price shall remain FIRM and binding on the Bidder(s) through the earlier of: (i) the date of the completion of negotiations of the [EPC Agreement/BOP Agreement/Construction Agreement] (the "Contract") or (ii) one hundred eighty (180) days from Proposal Due Date in Section 2. The price shall include any anticipated price adjustments for each year (due to escalation or de-escalation) which may occur throughout the completion of the Services.

EDPR's expectation from the Bidder(s) for the pricing is to target 0.62 - 0.64 $/Wdc for the Azalea Springs project. Bidder shall be able to let EDPR know if they can meet this target pricing range by the Intent to Bid date in Section 2.

6.3 Bidder Questions: All questions and information requests must be submitted prior to the date set forth in the RFP Milestone table in Section 2 (Acknowledgment of Receipt), and should be provided in a list format via email to the RFP Manager.

6.4 Modifications/Clarifications: The Completed Modifications Document in Attachment 2 should be used for ANY project specific proposed modifications to the RFP package (except for Exhibit D6, SOW, and Milestone Schedule that we are asking to be made in track changes).

Any modifications, clarifications, exclusions or limitations that are being proposed by Bidder(s) that are not included in Attachment 2 as described above, shall not be made a part of this RFP.

6.5 Addendum to the RFP Documents: If new or revised documents are made available after the RFP documents have been sent to Bidders, Company may announce the introduction of the documents by an addendum. This addendum email will include the new or revised documents, an updated Exhibit Tracker, and will specify whether or not the Bidders will receive an extension to revise the Proposal. The extension timeframe shall be reviewed on a case by case basis, as it will be dependent on the revisions provided to the Bidders. If an approved extension is granted, it will include an announcement of an updated RFP Milestone schedule in Section 2 . Oral instructions or information concerning the RFP documents provided to Bidders by employees or agents of EDPR NA shall not bind EDPR NA. All communications regarding the commercial and technical aspects of this RFP shall ONLY be directed to the RFP Manager designated herein.

6.6 Governing Contract: As part of this RFP, a draft Contract for the Bidder to review and comment will be provided. If not provided at release, it shall be provided during the shortlisting stage which will be communicated to the Bidder by Company. For each Proposal, Company expects the Bidders to provide a detailed redline (if any) of the Contract in Microsoft Word using track changes. However, specifically for the Design Guidelines and Requirements documents, all modifications, assumptions, clarifications, exclusions, and limitations revisions or clarifications should only be documented on the table in Attachment 2 – Modifications Document.

Company will carefully review the requested changes to the draft Contract and will consider the degree and nature of the requested changes equally with the other aspects of each Proposal. Company will not negotiate or discuss modifications to the Contract suggested by the Bidder(s) that are not specifically included in the detailed redline via track changes in the Contract. Company reserves the right to make additional revisions and changes to the draft Contract. The redline from the Bidders shall be specific and comprehensive, and comments such as "need to discuss" will not be accepted. Company reserves the right to reject any Proposals that do not include a redlined Contract.

The Bidder explicitly agrees that participation in the RFP process does not create any

contractual relationship between Company or affiliated parties and the Bidder. Bidder may, without prejudice to itself, modify or withdraw a Proposal by written request to Company, provided that the Proposal and any request is received by the applicable Company prior to the Proposal Due.

7. Assignment

Company reserves the right to assign to all and or portions of the Proposals received without the prior written or verbal consent of the RFP Respondent. Company receiving such assignment however shall provide written notice to the RFP Respondent. This notice shall be deemed received when any of the following conditions are met (i) notice personally delivered to the RFP Respondent; (ii) notice delivered within five (5) days after deposit in the United States mail, first class, postage prepaid, and certified; or (iii) notice sent the next business day if sent by reputable overnight courier, provided receipt is obtained and charges prepaid by the Company.

8. Confidentiality

Company will take reasonable precautions and use reasonable efforts to protect any claimed proprietary and confidential information contained in a Proposal, provided that such information is clearly identified on the page by the RFP Respondent as "Proprietary and Confidential". Such information may, however, be made available under applicable state or federal law or other governmental agencies having an interest or jurisdiction in these matters.

Company also reserves the right to release such information to its affiliates and any of their agents or contractors for the purpose of evaluating the RFP Respondent's Proposal, but such agents or contractors will be required to observe the same reasonable efforts and care with respect to such propriety and confidential information as Company. Under no circumstances will Company, any of its affiliates or their respective directors, officers, employees, agents or contractors, be liable for any damages resulting from any disclosure of RFP Respondent's claimed confidential information during or after the solicitation process.

9. Proposal Submittal Format and Table of Contents

Company will review the Proposal(s) from the Bidder(s) in two (2) parallel efforts by having the Bidder(s) divide each submission into a technical and commercial folder. Company will carefully review the technical and commercial proposals from each Bidder to assure all RFP requirements are properly fulfilled. Please use the following as a checklist for proposal submission:

9.1 **Technical Proposal Folder:** *DO NOT INCLUDE DOLLAR AMOUNTS WITHIN THIS FOLDER*

1. Attachment 1, Exhibit Tracker with status to each exhibit.
2. Attachment 2, Modifications Documents. This should include ALL clarifications and assumptions.
3. Bidder Technical Proposal
4. Exhibit Documents as listed in Attachment 1. Please include native file.
5. Value add engineering options
6. Contractor's Project Layout (in CAD & PDF)
    a. Optimized layout to minimum required Project P50;
    b. EA model to Follow guidelines and requirements of Attachment 1 of Exhibit D6
    c. PVsyst

9.2 **Commercial Proposal Folder:**

1. Completed Price Sheet including tax
2. Contract "red-lined" to the Draft Contract, if applicable (in word)
3. Certificate of Insurance, In Alignment with Exhibit W-1
4. Any material litigation or arbitration over the past five years

5. Audited Financials (past 3 years) – Only if not previously qualified by EDPR NA
6. Applicable State License. Copy of license for our records with number included.

10. Evaluation of Proposals

The Company will evaluate each Proposal received based on several criteria, to include, but not be limited to the following:

- Implementation plan
- Lump sum price and unit costs
- General qualifications and experience
- Comments/Redlines to the Contract
- Scope exceptions in Attachment 2
- Design Criteria Parameters
- Value engineering propositions
- Overall quality of Proposal based on Company requirements

11. Enclosures:

11.1 Exhibit Tracker, Attachment 1

11.2 Modifications Document, Attachment 2

11.3 Pricing Sheet

11.4 Clarifications Document

CLOVER CREEK (PVMV)
EXTERNAL FULL-WRAP (PV/MV, HV, BESS) RFP EXHIBIT DETAILS & OWNERSHIP

Commercial Items	CONTRACTOR DELIVERABLE CHECK LIST	CONTRACTOR NOTES (If "Not Provided", add notes here)
1. Completed Price Sheet including tax		
2. Draft Contract accepted as is or "red-lined" using track changed in Word		
3. Certificate of Insurance, in Alignment with Exhibit W-1		
4. Any material litigation or arbitration over the past five years		
5. Audited Financials (past 3 years) – Only if not previously qualified by Company		
6. Applicable State License. Copy of license for our records with number included.		

Can be filtered

EXHIBIT	ACTIONS FOR CONTRACTOR	CONTRACTOR RFP RESPONSE	OWNER	EDPR SHAREFILE EXHIBIT STATUS	BIDDER NOTES
A Scope Of Work					
A1 EPC Scope of Work	Please confirm review/acceptance in "Contractor RFP Response" column. Any modifications should be redlined in the document.				
A2 Engineering SOW					
(A2.4) PV+ MV (TCSP-NA/TSE&C-PV-00001)	Please confirm review/acceptance in "Contractor RFP Response" column. Any modifications should be redlined in the document.				
(A2.5) PV SCADA	Please confirm review/acceptance in "Contractor RFP Response" column. Any modifications should be redlined in the document.				
A3 Environmental Scope of Work	Please confirm review/acceptance in "Contractor RFP Response" column. Any modifications should be redlined in the document.				
A4 Scope of Work Detailed Task Identification	Please confirm review/acceptance in "Contractor RFP Response" column. Any modifications should be redlined in the document.				
B Contractor Deliverables Table and Job Books					
B1 Contractor Deliverables Table					
(B1.1) PV + MV Deliverable List	Please confirm review/acceptance in "Contractor RFP Response" column. Any clarifications to be made on Attachment 2 Modifications/Clarifications.				
(B1.5) Construction Deliverable List	Please confirm review/acceptance in "Contractor RFP Response" column. Any clarifications to be made on Attachment 2 Modifications/Clarifications.				
B2 Format and Contents of Job Books	Please confirm review/acceptance in "Contractor RFP Response" column. Any clarifications to be made on Attachment 2 Modifications/Clarifications.				
C Permits					
C1 List of Certain Permits	Please confirm review/acceptance in "Contractor RFP Response" column. Any clarifications to be made on Attachment 2 Modifications/Clarifications.				
C2 Road Agreement(s)	Please confirm review/acceptance in "Contractor RFP Response" column. Any clarifications to be made on Attachment 2 Modifications/Clarifications.				
D Technical Specifications					
D2 Engineering General Dsg Guideline (GDG-001)	Please confirm review/acceptance in "Contractor RFP Response" column. Any clarifications to be made on Attachment 2 Modifications/Clarifications.				
D2 PV + MV (TCSP-GLB/TSE&C-PV-00009-03)	Please confirm review/acceptance in "Contractor RFP Response" column. Any clarifications to be made on Attachment 2 Modifications/Clarifications.				
D4 Drawing Templates	Please confirm review/acceptance in "Contractor RFP Response" column. Any clarifications to be made on Attachment 2 Modifications/Clarifications.				
D6 PV + MV Design Criteria Document	Please confirm review/acceptance in "Contractor RFP Response" column. Any clarifications to be made on Attachment 2 Modifications/Clarifications.				
D14 O&M Building Guideline and Specification	Please confirm review/acceptance in "Contractor RFP Response" column. Any clarifications to be made on Attachment 2				
E Project Schedule					
E1 Milestone Schedule	Please confirm acceptance. Substantial completion date must remain intact however EDPR will review redlines to interim milestones. Please also provide gantt style schedule aligned with milestone schedule.				
E2 Delay Liquidated Damages	Please confirm review/acceptance in "Contractor RFP Response" column. Any clarifications to be made on Attachment 2 Modifications/Clarifications.				
E3 SCADA Milestone Schedule	Please confirm review/acceptance in "Contractor RFP Response" column. Any clarifications to be made on Attachment 2 Modifications/Clarifications.				
F Contract Price					
F1 Milestone Payment Schedule	Please allocate your lump sum price into the format provided. If provided, add note in "Bidder Notes"				
F2 Options Price List	This is to be populated by EDPR if applicable				
G Progress Reports					
G1 Form of Monthly Progress Report	Please confirm review/acceptance in "Contractor RFP Response" column. Any clarifications to be made on Attachment 2 Modifications/Clarifications.				
G2 Form of Daily Progress Report	Please confirm review/acceptance in "Contractor RFP Response" column". If provided, add note in "Bidder Notes"				
H Site					
H1 Geotechnical Report	Please confirm review/acceptance in "Contractor RFP Response" column. Any clarifications to be made on Attachment 2 Modifications/Clarifications.				
H2 Site Layout (pdf and CAD files) and Constraint Map	Please confirm acceptance, any clarifications to be redlined in A1 SOW.				
H4 Phase I ESA	Please confirm review/acceptance in "Contractor RFP Response" column. Any clarifications to be made on Attachment 2 Modifications/Clarifications.				
H5 ALTA Survey	Please confirm review/acceptance in "Contractor RFP Response" column. Any clarifications to be made on Attachment 2 Modifications/Clarifications.				
H9 Wildlife Assessment	Please confirm review/acceptance in "Contractor RFP Response" column. Any clarifications to be made on Attachment 2 Modifications/Clarifications.				
I Subcontractors					

I1 Approved Vendor List	Please confirm review/acceptance in "Contractor RFP Response"				
I2 Subcontractor Request Form	Please populate subcontractor table provided by EDPR				
I3 Form of Approved Subcontractor Conditions Cert.	Form to be included in EPC contract for any subcontractors that will be used from AVL with special conditions. Please let us know				
J Tests					
J1 Commissioning Requirement	Please confirm review/acceptance in "Contractor RFP Response" column. Any clarifications to be made on Attachment 2 Modifications/Clarifications.				
J2 Acceptance Tests					
(J2.a) Performance Acceptance Tests (including Capacity Tests & Operational Tests	Please confirm review/acceptance in "Contractor RFP Response" column. Any clarifications to be made on Attachment 2 Modifications/Clarifications.				
J3 Performance Ratio Test	Please confirm review/acceptance in "Contractor RFP Response" column. Any clarifications to be made on Attachment 2 Modifications/Clarifications.				
K Key Personnel					
K1 Personnel Work Chart (Including resumes)	Need organizational chart on hierarchy of governance for project execution and any applicable resumes.				
L Unit Rate Sheet					
L1 Unit Rate Sheet	Please complete form as provided by EDPR				
M Form of Change in Work Form					
M1 Change Order Form	Please confirm acceptance, any clarifications to be made on Attachment 2 Modifications/Clarifications.				
N Form of Contractor Performance Security					
N1 Form of Performance Assurance (100% Performance Bond)	Per RFP, provide performance bond price and bond issuer name. EDPR will inform you of specific requirements. Please assume 100% performance bond				
O Key Equipment Minimum Warranty Requirements					
O1 Key Equipment Minimum Warranty Requirements	Please confirm review/acceptance in "Contractor RFP Response" column. Any clarifications to be made on Attachment 2 Modifications/Clarifications.				
P Quality Plan					
P1 Quality Plan	Template of quality plan and confirm your intention to provide site specific plan prior to commencement of work				
Q Project Document Requirements					
Q2 Redacted Interconnection Agreement	Please confirm review/acceptance in "Contractor RFP Response" column. Any clarifications to be made on Attachment 2 Modifications/Clarifications.				
Q4 Landowner Provisions (if applicable)	Please confirm review/acceptance in "Contractor RFP Response" column. Any clarifications to be made on Attachment 2				
Q5 OSE Supplier Agreement Requirements:					
(Q5.1) PV Modules	Please confirm review/acceptance in "Contractor RFP Response" column. Any clarifications to be made on Attachment 2 Modifications/Clarifications.				
R Lien Waiver and Release Requirements					
S Completion Certificates (NUMBERING TO BE UPDATED)					
S1 Form of 100% Engineering Completion Certificate	Please confirm review/acceptance in "Contractor RFP Response" column. Any clarifications to be made on Attachment 2 Modifications/Clarifications.				
S2 Form of Initial Circuit Mechanical Completion Certificate	Please confirm review/acceptance in "Contractor RFP Response" column. Any clarifications to be made on Attachment 2 Modifications/Clarifications.				
S3 Form of Circuit Mechanical Completion Certificate	Please confirm review/acceptance in "Contractor RFP Response" column. Any clarifications to be made on Attachment 2 Modifications/Clarifications.				
S4 Form of Initial Circuit Energization Completion Certificate	Please confirm review/acceptance in "Contractor RFP Response" column. Any clarifications to be made on Attachment 2 Modifications/Clarifications.				
S8 Form of Turnover Certificate	Please confirm review/acceptance in "Contractor RFP Response" column. Any clarifications to be made on Attachment 2 Modifications/Clarifications.				
S9 Form of Substantial Completion Certificate	Please confirm review/acceptance in "Contractor RFP Response" column. Any clarifications to be made on Attachment 2 Modifications/Clarifications.				
S10 Form of Final Completion Certificate	Please confirm review/acceptance in "Contractor RFP Response" column. Any clarifications to be made on Attachment 2 Modifications/Clarifications.				
T Safety					
T1 Project Safety Requirements	Please confirm acceptance, any clarifications to be made on Attachment 2 Modifications/Clarifications.				
T2 Safety Plan	Contractor to provide template of safety plan and confirm your intention to provide site specific plan prior to commencement of work . If provided, add note to "Bidder Notes"				
U Operating Personnel Training Program					
U1 Operating Personnel Training Program	Please provide template training program				
V Parent Guarantee (If Applicable)					
V1 Parent Guarantee	Please provide Parent Guarantee template for our review and any applicable cost implications.				
W Insurance Requirements					
W1 Insurance Requirements	Please confirm review/acceptance in "Contractor RFP Response" column. Any modifications to be redlined with the Draft Contract.				
X Labor Requirements					
Y Confirming Line Documentation					
Y1 Bank Verification Letter	Contractor to provide for EDPR review. If provided, please add note to "Bidder Notes"				
Y2 Secretary's Certificate	Contractor to provide for EDPR review. If provided, please add note to "Bidder Notes"				
Z Owner Supplied Equipment					
Z1 Delivery Schedule	Please confirm review/acceptance in "Contractor RFP Response" column. Any clarifications to be made on Attachment 2 Modifications/Clarifications.				
Z2 Process for Materials Receiving Instruction	Please confirm review/acceptance in "Contractor RFP Response" column. Any clarifications to be made on Attachment 2 Modifications/Clarifications.				
Z3 Form of Material Receiving Report	Please confirm review/acceptance in "Contractor RFP Response" column. Any clarifications to be made on Attachment 2 Modifications/Clarifications.				
AA Form of Attestation					
AA1 Form of Attestation	Please confirm review/acceptance in "Contractor RFP Response" column. Any clarifications to be made on Attachment 2 Modifications/Clarifications.				

Additional Project Info- Not a part of the contract:

Aerial (includes Topo)	Please confirm review/acceptance in "Contractor RFP Response" column. Any clarifications to be made on Attachment 2 Modifications/Clarifications.				
H&H Study	Please confirm review/acceptance in "Contractor RFP Response" column. Any clarifications to be made on Attachment 2 Modifications/Clarifications.				
Basemap	Please confirm review/acceptance in "Contractor RFP Response" column. Any clarifications to be made on Attachment 2 Modifications/Clarifications.				
Tax Docs	Please confirm review/acceptance in "Contractor RFP Response" column. Any clarifications to be made on Attachment 2 Modifications/Clarifications.				
Contractor Deliverables					
Out of Bounds	Please provide standard plan of action to stay within constraints.				

MODIFICATIONS FOR WIND AND SOLAR POWER PLANT CONTRACT DOCUMENTS - Project Name

Owner and Contractor agree that the portions of the contract identified below by Exhibit, Document Number, Document Name, Document Section & Page Number are modified by the corresponding Modification listed in respect of such item.

Instructions:

- For all mass changes to any document a statement of the change in quotations
- For any deletions we will be striking through the specific verbiage in the specific document.
- For all insertions we will be underlining the specific verbiage in the specific document

Exhibit	Document Number	Document name	Document Section & Page Number	Modification	Accepted, Open, or Rejected	EDPR Approver	Notes

Contractor Name	
Project Name	
MWDC	
MWAC	
Date	

EDP Renewables Solar and/or Storage
Exhibit A RFP BOQ and Price Sheet

		Category Summary		TOTAL	$/Wp
	Subtotals	Civil		$ -	$ -
		DC Collection System		$ -	$ -
		MV Collection System		$ -	$ -
		General Construction		$ -	$ -
		Engineering		$ -	$ -
		Racking System		$ -	$ -
		Inverters		$ -	$ -
		Solar Panels		$ -	$ -
		Misc/Other		$ -	$ -
		TOTAL		$ -	$ -

WBS Code		Description	Quantity	Unit of Measure	Unit Price	Total Cost	$/Wp	Notes/Clarifications	Definition
CSBCC02A	Civil	Contractor Management - Civil	1	LS		$ -	$ -		MOB/DEMOB - GENERAL EXPENSES EARTHWORKS, MOB/DEMOB - GENERAL EXPENSES CIVIL ADDERS
CSBCC03A		Public Roads	1	LS		$ -	$ -		PUBLIC ROADS
CSBCC04A		Site Roads	1	LS		$ -	$ -		ROADWAYS
CSBCC05A		Security, Gates & Fences	1	LS		$ -	$ -		PERMANENT FENCING AND GATES
CSBCC05B		Drainage System Repair	1	LS		$ -	$ -		DRAIN TILE REPAIR
CSBCC05C		Grading & Site Work	1	LS		$ -	$ -		EARTHWORK
CSBCC06A		Construct Enviro Compliance	1	LS		$ -	$ -		ENTRANCE MUD MAT, PERMEANT SEEDING, CONCRETE WASHOUT
CSBCC08A		Clearing and Grubbing	1	LS		$ -	$ -		CLEAR AND GRUB
CSBCC08B		Laydown Yard & Compound	1	LS		$ -	$ -		LAYDOWN YARD
CSBCC08D		Misc BOP Civil Costs	1	LS		$ -	$ -		FLAGGING AND MAINTENANCE, VISUAL SCREENING, BOLLARDS, DIRECTIONAL BORING
CSBCC08E		Storm Water Management	1	LS		$ -	$ -		SITE CONSTRUCTION PERMITTING, SILT FENCE INSTALL AND MAINTAIN, DUST CONTROL - WATER SUPPLY, STRAW BALE DAM, CULVERTS, DRAINAGE DITCHES / SWALES, TEMPORARY SEEDING, TEMPORARY EROSI PERMEANT SKIMMER BASINS
WBS Code (Internal)		**Description**	**Quantity**	**Unit of Measure**		**Total Cost**	**$/Wp**	**Notes/Clarifications**	**Definition**
CSBEL01A	DC Collection	DC Wiring	1	LS		$ -	$ -		DC COMBINER BOX SUPPLY, PV HARNESS SUPPLY, DC CONDUCTOR SUPPLY, DC GROUNDING SUPPLY, BONDING CONDUCTOR SUPPLY DC COMBINER BOX SUPPLY, PV HARNESS SUPPLY, DC CONDUCTOR SUPPLY, DC BONDING CONDUCTOR SUPPLY
CSBEL01B		Level 2 SCADA and communication for DC system monitoring	1	LS		$ -	$ -		COMMUNICATIONS SUPPLY COMMUNICATIONS SUPPLY
CSBEC01G		Misc/Other	1	LS		$ -	$ -		Misc/other
CSBEL02A		Installation	1	LS		$ -	$ -		DC MOB/DEMOB - GENERAL EXPENSES, COMBINER BOX AND HARNESS INSTALL, DC CONDUCTOR INSTALLATION, DC COMMUNICATION INSTALL, MODULE PLUG AN PLAY, DC GROUND AND BOND, DC COMMISSIC
WBS Code (Internal)		**Description**	**Quantity**	**Unit of Measure**		**Total Cost**	**$/Wp**	**Notes/Clarifications**	**Definition**
CSBES01C	MV Collection	AC Cabling	1	LS		$ -	$ -		AC CONDUCTOR SUPPLY, AC GROUNDING SUPPLY
CSBES04L		Misc/Other	1	LS		$ -	$ -		
CSBES03A		Contractor Management	1	LS		$ -	$ -		Contractor Management
CSBES04A		Communication Cable	1	LS		$ -	$ -		AC COMMUNICATIONS SUPPLY SCADA SYSTEM EQUIPMENT, MET STATIONS AND SENSORS, SCADA DESIGN, DEVELOPMENT AND TESTING, SCADA COMMISSIONING SERVICES SCADA INSTALLATION, INSTALL WEA
CSBES07A		Grounding	1	LS		$ -	$ -		
CSBES08A		Testing & Commissioning	1	LS		$ -	$ -		AC COMMISSIONING
WBS Code (Internal)		**Description**	**Quantity**	**Unit of Measure**		**Total Cost**	**$/Wp**	**Notes/Clarifications**	**Definition**
CSFII02A	General Construction	Surety Bonds (Performance Bond, etc.)	1	LS		$ -	$ -		BONDING, ASSUME 100% CONTRACT PRICE PERFORMANCE BOND
CSFII03A		BOP Warranty	1	LS		$ -	$ -		WARRANTY, AS PER THE FORM OF CONTRACT AS PER THE FORM OF CONTRACT, EX W INSURANCE REQUIREMENTS
CSFII06A		E&O Insurance (PI Insurance)	1	LS		$ -	$ -		
CSFII04A		General Liability Insurance	1	LS		$ -	$ -		GENERAL LIABILITY, AS PER THE FORM OF CONTRACT, EX W INSURANCE REQUIREMENTS
CSICC04A		Misc. Mgmt & Admin Costs	1	LS		$ -	$ -		OFFICE AND OPS STAFF, FIELD AND OPS STAFF, SUPPORT STAFF, MISC EQUIPMENT, OFFICE AND OPS STAFF TRAVEL, FIELD AND OPS STAFF TRAVEL, SUPPORT STAFF TRAVEL
CSOAM02A		Permanent Solar Resource Monitoring Station	1	LS		$ -	$ -		TEMPORARY BUILDINGS, TEMPORARY TOILETS, TEMPORARY WATER, SITE SIGNS, INFORMATION AND TECHNOLOGY, MOBILE COMMUNICATION, OFFICE SUPPLIES, PHOTOGRAPHS, SAFETY AND MEDICAL, SECURIT HOUSEKEEPING COSTS, TRASH REMOVAL, DRAWINGS/AS-BUILT SUPPORT, LEGAL EXPENSE, MISC GENERAL EXPENSES, SUBCONTRACT DEFAULT INSURANCE
CSOLL02A		Construction Permits	1	LS		$ -	$ -		CONSTRUCTION PERMITS
CSOOO04A		Misc Costs	1	LS		$ -	$ -		TEMPORARY BUILDINGS, TEMPORARY TOILETS, TEMPORARY WATER, SITE SIGNS, INFORMATION AND TECHNOLOGY, MOBILE COMMUNICATION, OFFICE SUPPLIES, PHOTOGRAPHS, SAFETY AND MEDICAL, SECURIT HOUSEKEEPING COSTS, TRASH REMOVAL, DRAWINGS/AS-BUILT SUPPORT, LEGAL EXPENSE, MISC GENERAL EXPENSES, SUBCONTRACTOR DEFAULT INSURANCE
CSOOO06B		Security	1	LS		$ -	$ -		SECURITY SYSTEM
CSOOO08A		Sales & Use Tax	1	LS		$ -	$ -		SALES TAX
WBS Code (Internal)		**Description**	**Quantity**	**Unit of Measure**		**Total Cost**	**$/Wp**	**Notes/Clarifications**	**Definition**
DEEE17A	Engineering	Site Civil Solar Design	1	LS		$ -	$ -		GEOTECH, PULL TEST, CIVIL ENGINEERING
DEEE13A		Arc Flash Studies	1	LS		$ -	$ -		Arc Flash Studies
DEEE18A		DC/AC Collection System Design	1	LS		$ -	$ -		ELECTRICAL ENGINEERING
DEEE12A		SCADA Communication Design	1	LS		$ -	$ -		HMI control system design. Relay & protection scheme design
WBS Code (Internal)		**Description**	**Quantity**	**Unit of Measure**		**Total Cost**	**$/Wp**	**Notes/Clarifications**	**Definition**
CSBMM03A	Racking System	Racking system Supply	1	LS		$ -	$ -		RACKING SUPPLY, RACKING SHIPPING, RACKING SUPPLIER ENGINEERING, RACKING PROFESSIONAL SERVICES
CSBMM03B		Pile Supply	1	LS		$ -	$ -		PILE SUPPLY
CSBMM03I		Contractor Management/Install - Racking System	1	LS		$ -	$ -		MOB/DEMOB PILES, PILE LAYOUT, PILE LOGISTICS, PILE INSTALLATION, FLAGGING AND MAINTENANCE, PILE DRIVING EQUIPMENT, PILE FIELD SUPERVISION, PILE PER DIEM, PILE ST&S - CONTINGENCY, MOB/DEM RACKING , LOGISTICS RACKING , RACKING INSTALL, PILE DRIVING EQUIPMENT, RACKING FIELD SUPERVISION, PER DIEM RACKING, RACKING ST&S - CONTINGENCY
CSBMM03J		Testing & Commissioning	1	LS		$ -	$ -		RACKING COMMISSIONING
WBS Code (Internal)		**Description**	**Quantity**	**Unit of Measure**		**Total Cost**	**$/Wp**	**Notes/Clarifications**	**Definition**
CSBEC01F	Inverters	Contractor Management/Install - Inverters	1	LS		$ -	$ -		MV STATION INSTALLATION
CSBEC01A		Inverter	1	LS		$ -	$ -		MV STATION & INVERTER SUPPLY
CSBEC01B		Foundation	1	LS		$ -	$ -		MV STATION PAD INSTALLATION
WBS Code (Internal)		**Description**	**Quantity**	**Unit of Measure**		**Total Cost**	**$/Wp**	**Notes/Clarifications**	**Definition**
CSBMM06A	Solar Panels	Panel Install	1	LS		$ -	$ -		MOB/DEMOB MODULE, DOWNTIME MODULE, LOGISTICS MODULE, MODULES INSTALL, MODULE INSTALL EQUIPMENT, MODULE FIELD SUPERVISION, PER DIEM MODULE, MODULE ST&S - CONTINGENCY
CSMPP04A		Testing & Commissioning	1	LS		$ -	$ -		PV TESTING AND COMMISSIONING
WBS Code (Internal)		**Description**	**Quantity**	**Unit of Measure**		**Total Cost**	**$/Wp**	**Notes/Clarifications**	**Definition**
CSBMM03H	Misc/Other	Misc/Other	1	LS		$ -	$ -		
CSBMM03H		Misc/Other	1	LS		$ -	$ -		
CSBMM03H		Misc/Other	1	LS		$ -	$ -		
CSBMM03H		Misc/Other	1	LS		$ -	$ -		
CSBMM03H		Misc/Other	1	LS		$ -	$ -		
		TOTAL				$ -	$ -		

NOTE: Any quantities and descriptions listed herein are explicitly limited to Owner's use for scope validation and evaluation purposes and will have no bearing on final contract price. Final design quantities are the sole responsibility of the Contractor and the scope is the Work including its Requirements as described within the Contract.

SEND TO:	FROM:	Clarification Round	Category of Clarification/Assumption	Document name, Section Reference & Page Number	Bidder Question	EDPR Reviewer Name	EDPR Response	Bidder Response	Status	Change to Exhibit/Document	Notes
All Bidders or Bidders Name											

Request No. 23:

Explain whether a historical survey of the project has been conducted. If yes, provide a copy. If no, explain when that will occur.

Response No. 23:

Please see the archaeological records review completed for the Project in 2021, filed separately and stamped as Resp. to 1 RFI 23, pages 1-41.

Responding Witness: Jesse Eick

Request No. 24:

Refer to SAR, Attachment G, Landscape Plan. In narrative form identify the seven historic structures in the landscape plan.

Response No. 24:

Please note that the Project's Landscape Plan, SAR Attachment G, did not identify historic structures. However, the information related to historical structures contained in paragraph 40 of the SAR narrative is incorrect and is remnant language from a prior report. The Project's Visual Resources Assessment (VRA), submitted as SAR Attachment E, and the Archaeological Records Review prepared by Cultural Resource Analysis, Inc. and provided in Response to Request No. 23, do not show any National Register of Historic Plance (NRHP) records within or near the Project boundary.

Responding Witness: Chad Martin

Request No. 25:

Provide any communication that has occurred with any schools within a two mile radius of the project. Provide any communication and any concerns that were raised.

Response No. 25:

Project representatives met with the Breckinridge County High School Future Farmers of America (FFA) class to provide information about the project and educate about the solar industry. Project representatives answered student questions during the meeting. A copy of email communications setting up meeting times with the FFA class instructor is attached.

Responding Witness: Jesse Eick

Please reply during your own working hours and consider the environment before printing.

From: JESSE EICK <JESSE.EICK@EDP.COM>
Sent: Wednesday, November 13, 2024 11:28 AM
To h@breck.kyschools.us>; CHASE GLOTFELTY <CHASE.GLOTFELTY@EDP.COM>
Cc: JULIA MCPHERSON <JULIA.MCPHERSON@EDP.COM>
Subject: Re: Breckinridge County FFA

Good morning, Derek -

Thank you for reaching out, we are happy to help!

Couple of questions for you:

- Would it be possible to meet prior to the Fiscal Court meeting? We can be at the school or anywhere in Hardinsburg by 8am. If not, no problem, we'll plan to meet after the Fiscal Court adjourns.
- How many students do you expect will be there? We have some information packets that we can bring and leave with you.

In addition, Breckinridge County is contemplating a Moratorium on new solar projects to be presented to the County. This will not affect our project but wanted to note for you here in case you were unaware. The concern of the Fiscal Court stems from the number of projects being contemplated in the area. We're happy to dive into this a bit during our discussion.

This sounds like a great contest, and we are happy to help in any way that we can.

Thank you!

edp Renewables

Jesse Eick
EDPR
Pd - Southeast, II Solar & M&A

1501 McKinney Street, Suite 1300, Houston, TX 77010, United States
T +1(832)819-9040

Please reply during your own working hours and consider the environment before printing.

From: h@breck.kyschools.us>
Sent: Tuesday, November 12, 2024 8:06 PM
To: JESSE EICK <JESSE.EICK@EDP.COM>; CHASE GLOTFELTY <CHASE.GLOTFELTY@EDP.COM>
Subject: Breckinridge County FFA

Hey guys I'm an Ag Teacher in Breckinridge County Kentucky and we are putting together an Ag Issues team this year to compete at our state convention in June. For this contest we have to provide both sides to an issue currently facing Agriculture. This year we are going to do solar farms.We would like to sit down and meet with someone from the Solar Industry to give us some insight on how we need to write our presentation. The team cannot have a bias or push the judges one way or another, they just have to provide both sides of the issue.

We are going to take the kids to the Fiscal Court meeting on Monday November 18th and if anyone would be free to talk with them after that meeting I would appreciate it! If that date or time doesn't work we would be open to meeting someone whenever we can!

Thanks,

Request No. 26:

The proposed Project site sits in a karst prone region with high groundwater sensitivity levels. Provide any mitigation measures Clover Creek Solar will implement during construction and operations in response.

Response No. 26:

Clover Creek Solar has taken steps to ensure that karst features are avoided and any potential impacts are mitigated throughout the Project area. Consultant THG prepared an initial Phase 3 Karst Assessment in March of 2023, and is currently performing an additional assessment of the Project area to determine if any amendment is necessary. Applicant anticipates completion of the updated Phase 3 Karst assessment by February 2025. The preliminary site layout requires a strict 50 foot setback from all karst and potential karst features identified on site, which the Project has communicated with the EPC.

Responding Witness: Jesse Eick

Request No. 27:

Provide the security measures for the O&M areas and substation within the project's boundaries.

Response No. 27:

The Project's O&M and substation areas will be fenced, gated, and locked. Security fencing is comprised of a 7-foot tall chain-link fence with 12-inch barbed wire. The Project will install gated entrances locked with a combination padlock or keyed padlock.

Responding Witness: Jesse Eick

Request No. 28:

Explain how Clover Creek Solar will coordinate with local law enforcement and fire services regarding security and emergency protocols during construction and operations.

Response No. 28:

The Applicant will work closely with EPC contractors and local first responders to develop and maintain comprehensive emergency response plans. Before the Project begins commercial operations, Clover Creek Solar will collaborate with local fire departments and first responders to establish safe and effective fire containment and extinguishing procedures. Project representatives will meet with Breckinridge County Fire and EMS, City Police and the Breckinridge County Sheriff to discuss actions and coordination required for local emergency services for the project site. A direct line of communication, 911 address, and emergency contact line will be established at the project substation and construction office prior to the EPC mobilization.

Responding Witness: Jesse Eick

Request No. 29:

Explain whether any existing structures on the project site will be demolished during construction.

Response No. 29:

The Project does not anticipate demolishing any existing structures located on site.

Responding Witness: Jesse Eick

Request No. 30:

Describe any utilities that will be required during construction or operations and what utility will provide the service.

Response No. 30:

The Project anticipates electrical services to be provided by Meade County RECC, and water service to be provided by the City of Hardinsburg Water.

Responding Witness: Jesse Eick

Request No. 31:

Refer to SAR, Attachment A. Explain whether there will be vegetation clearing for construction. Provide in the response the number of acres that will be cleared and any permits that will be required.

Response No. 31:

At this time, the Project anticipates clearing approximately 10.5 acres of forested area. The Project has engaged the U.S. Fish & Wildlife Service and the Kentucky Department of Fish and Wildlife Resources to determine whether a permit is required for planned clearing activities.

Responding Witness: Jesse Eick

Request No. 32:

Refer to SAR, Attachment A, Preliminary Site Layout. It appears not all proposed solar arrays have populated on the site plan. Provide an updated site plan showing all proposed solar arrays and any other updates.

Response No. 32:

See site layout provided in Response to Request No. 15.

Responding Witness: Jesse Eick

Request No. 33:

Refer to SAR, Exhibit A, Preliminary Site Layout Plan. Explain if the medium voltage collection system will be underground, aboveground, or both. If the MV collection system will be underground and above ground, provide a map that shows which segments are underground and which segments are above ground.

Response No. 33:

Clover Creek Solar Project plans to use a combination of underground and overhead collection throughout the Project area. The medium voltage collection line routes will abide by specific requirements outlined in respective leases and collection easement agreements with participating Project landowners.

Responding Witness: Jesse Eick

Request No. 34:

Provide copies of any documents submitted to other agencies, other than what in the application.

Response No. 34:

No additional documents have been submitted to agencies at this time other than those in the application.

Responding Witness: Jesse Eick

Request No. 35:

Explain how the project has been designed to minimize the amount of tree clearing required.

Response No. 35:

The Project is situated on parcels primarily consisting of agriculture and other non-forested landcover. The Project team is working to minimize tree clearing. Priority is given to avoiding the placement of contiguous infrastructure, such as panel blocks, in woodlots, intact wooded areas, and riparian zones, except where necessary.

Responding Witness: Jesse Eick

Request No. 36:

Describe and provide information regarding what federal and state agencies that Clover Creek Solar is coordinating with in regard to the tree clearing strategy for protected bats.

Response No. 36:

Clover Creek is working with the U.S. Fish & Wildlife Service (USFWS) and the Kentucky Department of Fish and Wildlife Resources (KDFWR) regarding the tree clearing strategy for protected bats, with the most recent meeting between the Project and both agencies occurring on November 7, 2024. Mitigation strategies for tree clearing considerations related to protected bats, including support of the Imperiled Bat Conservation Fund (IBCF), have been discussed with USFWS.

Responding Witness: Jesse Eick

Request No. 37:

Provide a wetland delineation report for the project. If one does not exist, provide when one will be produced.

Response No. 37:

Please see the Wetland Delineation Report, filed separately and stamped Resp. to 1 RFI 37, pages 1-34 and appendices.

Responding Witness: Chad Martin

Request No. 38:

Explain whether the Site Layout Plan will be modified after the Wetland Delineations are completed.

Response No. 38:

The preliminary Site Layout Plan (as submitted to the Siting Board) was created after completion of the Wetland Delineation Report. Although the Project does not anticipate significant changes to the plan, minor changes may occur but should not have any negative impact to wetlands onsite.

Responding Witness: Jesse Eick

Request No. 39:

Explain whether Light Detection and Ranging (LiDAR) been utilized during research and evaluation of the project.

Response No. 39:

LiDAR was utilized to evaluate the existing ground elevations for the Project.

Responding Witness: Jesse Eick

Request No. 40:

Explain in detail all cemetery facilities that may be affected by the project.

Response No. 40:

No impacts to cemetery facilities are anticipated.

Responding Witness: Jesse Eick

Request No. 41:

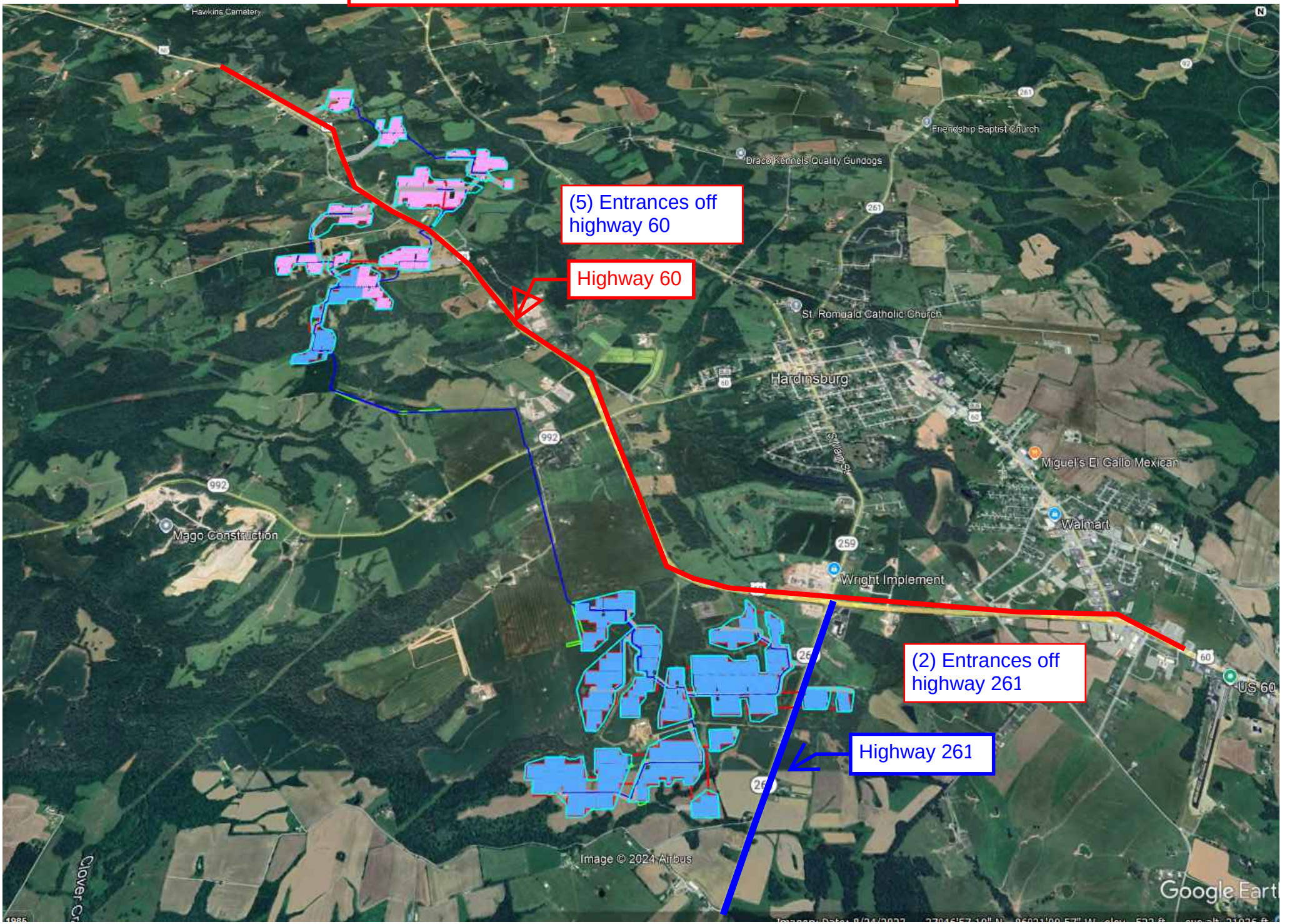
Provide a one-page directional map showing highlighted anticipated delivery routes for the project. Include on the map: access roads, access points, existing roads, bridges, electric generation components, and all structures within two miles of the project. Differentiate between roads and bridges that will and will not be used for deliveries.

Response No. 41:

Please see attached. Please also see the Table attached to Response No. 12.

Responding Witness: Jesse Eick

New Frontiers Solar - Preliminary Delivery Map



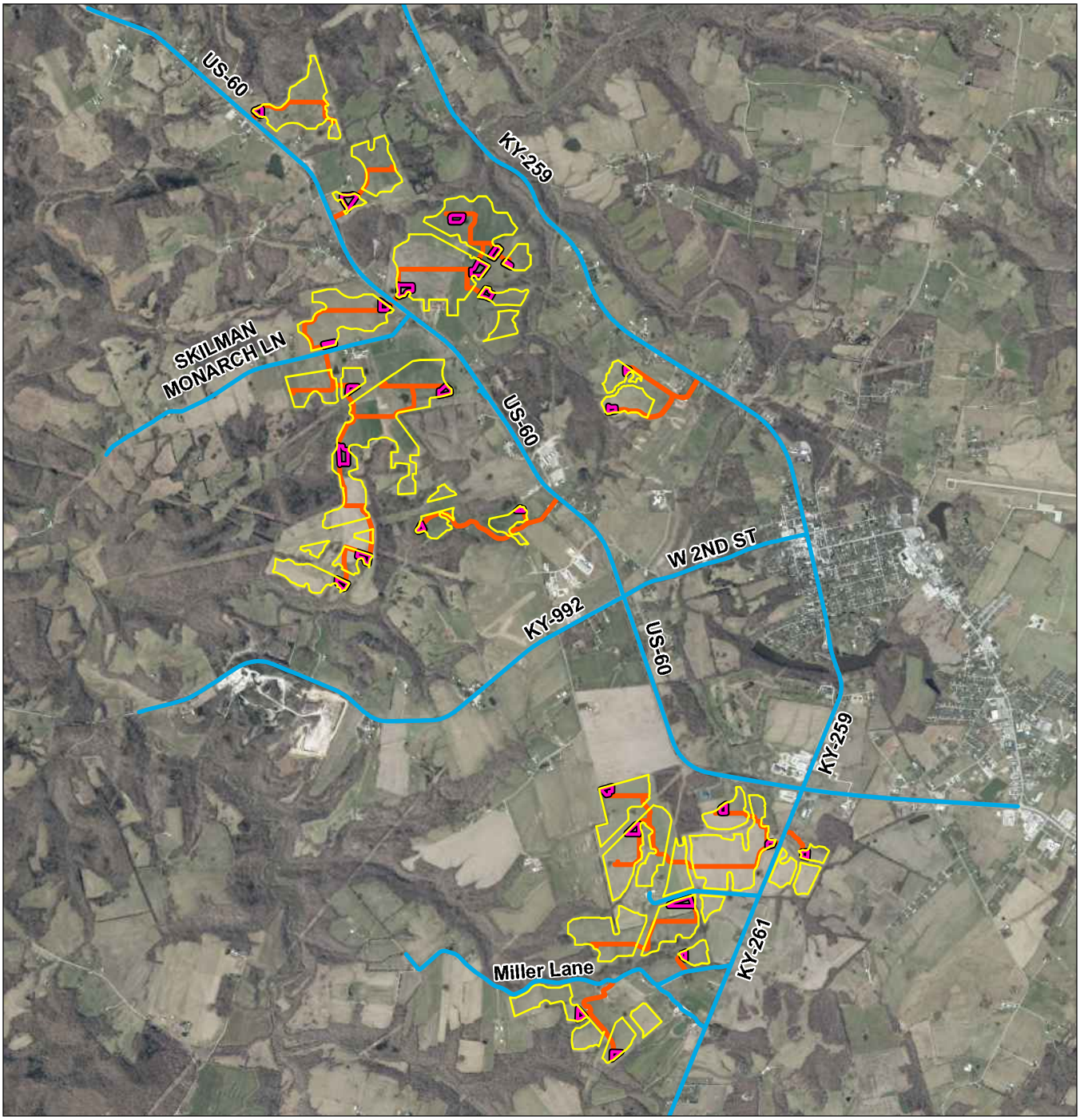
Request No. 42:

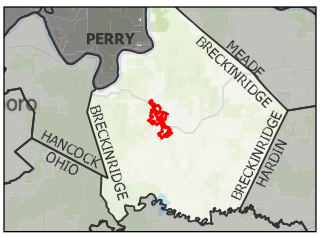
Provide a map highlighting all construction entrances to the Project site and all roads proposed to be used.

Response No. 42:

Please see the attached map showing proposed construction entrances and roads.

Responding Witness: Jesse Eick





Legend

- Fenceline
- Laydown Areas
- Access Roads
- Public Roads

0 2,500 5,000 Feet

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N

Stantec

Notes

1. Coordinate System: NAD 1983 StatePlane Kentucky FIPS 1600 Feet
2. Data Sources: New Frontiers/Clover Creek Layout Rev 2
3. Background: KyFromAbove Orthoimagery (2021)

Project Location
Hardinsburg
Breckenridge County, Kentucky

Prepared by CRH on 2024-10-23

Client/Project
235300918

Client: EDP Renewables
Project: New Frontiers Solar Park
Report: SAR

Exhibit:
1

Title
Construction Road Entrances

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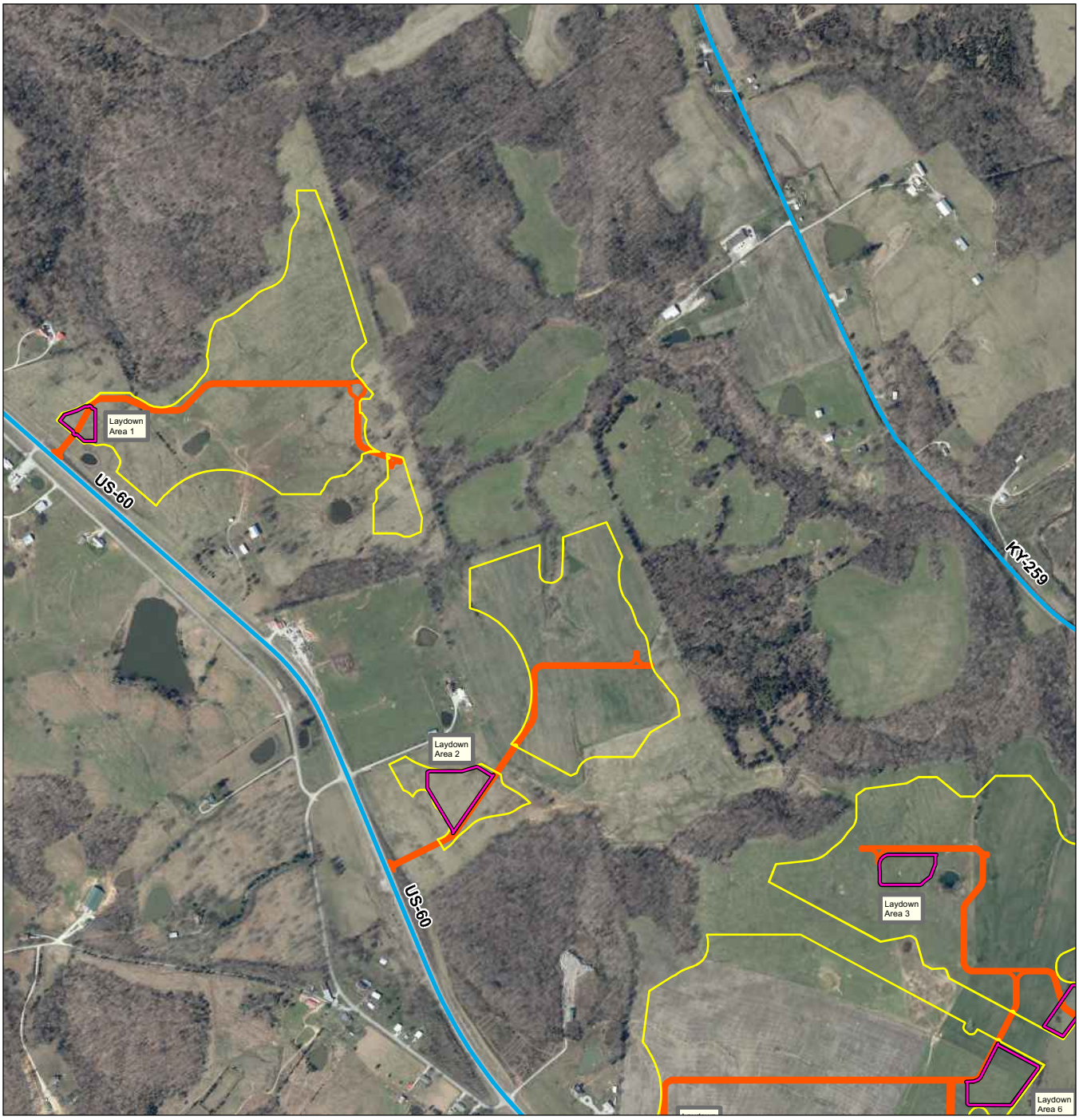

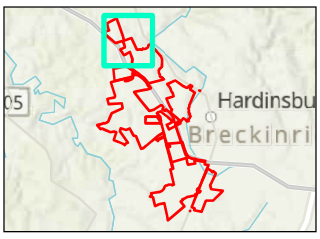

Legend

- Fenceline
- Laydown Areas
- Access Roads
- Public Roads

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2. Data Sources: New Frontiers/Clover Creek Layout Rev 2
3. Background: KyFromAbove Orthoimagery (2021)

Stantec

Project Location
Hardinsburg
Breckenridge County, Kentucky

Prepared by CRH on 2024-10-23

Client/Project 235300918

Client: EDP Renewables
Project: New Frontiers Solar Park
Report: SAR

Exhibit:
1

Title
Construction Road Entrances

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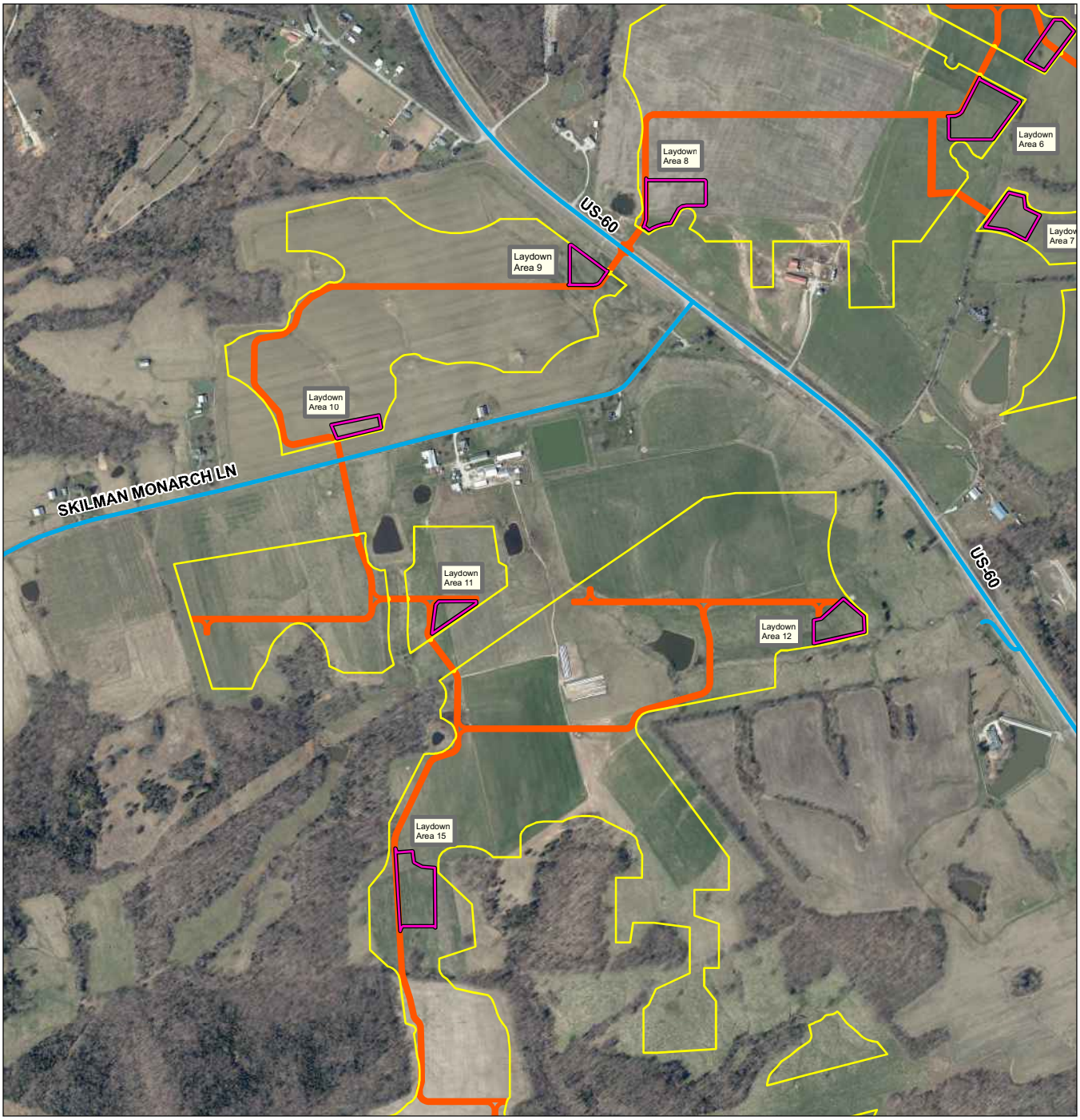

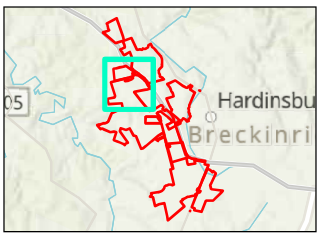

Legend

- Fenceline
- Laydown Areas
- Access Roads
- Public Roads

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Notes

1. Coordinate System: NAD 1983 StatePlane Kentucky FIPS 1600 Feet
2. Data Sources: New Frontiers/Clover Creek Layout Rev 2
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Stantec

Project Location
Hardinsburg
Breckenridge County, Kentucky

Prepared by CRH on 2024-10-23

Client/Project
235300918

Client: EDP Renewables
Project: New Frontiers Solar Park
Report: SAR

Exhibit:
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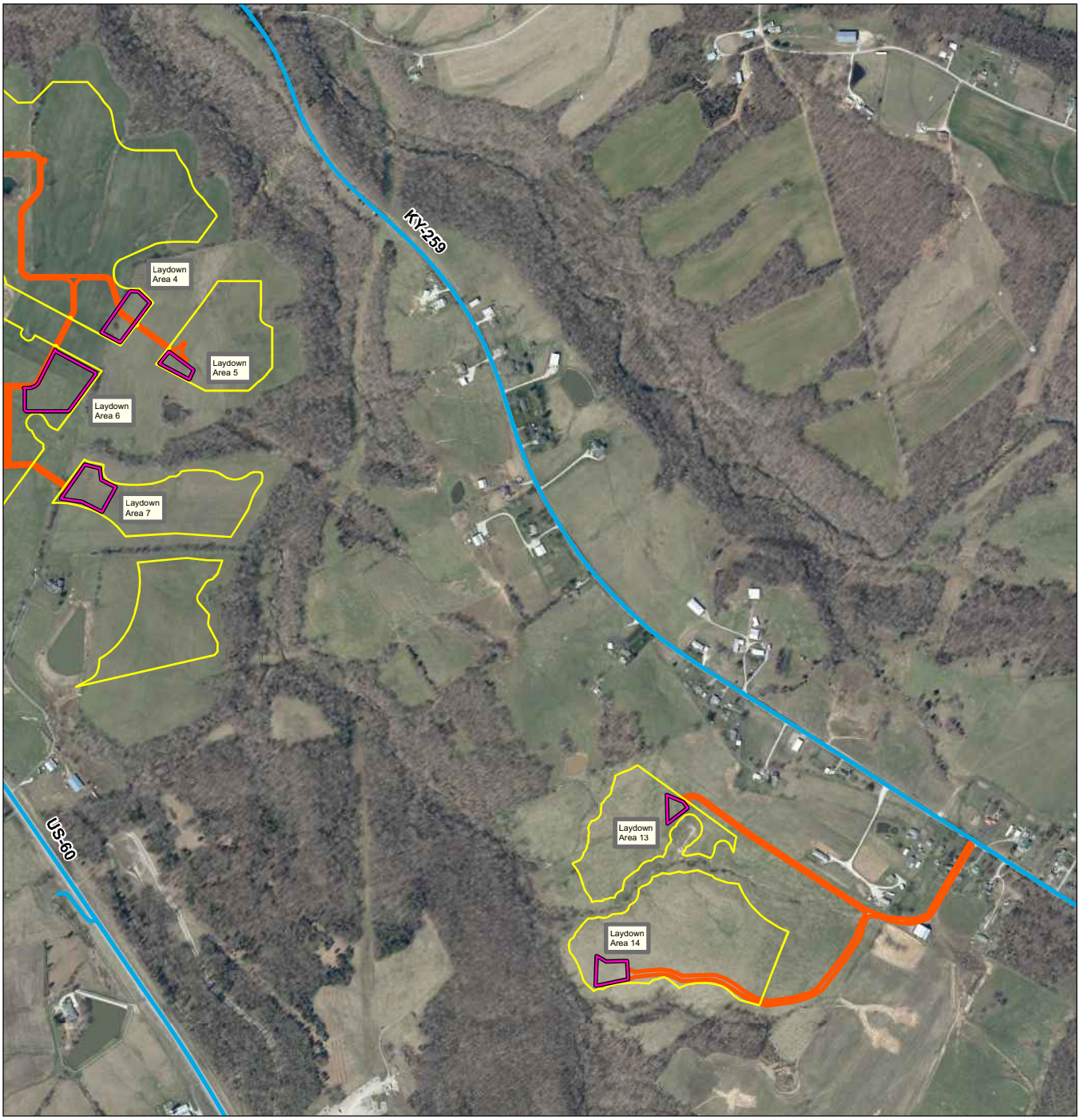
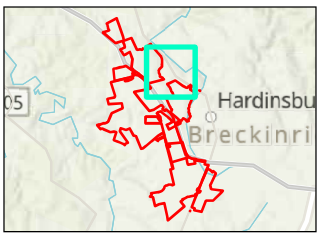
Construction Road Entrances





Legend

- Fenceline
- Laydown Areas
- Access Roads
- Public Roads

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Stantec

Project Location
Hardinsburg
Breckenridge County, Kentucky

Prepared by CRH on 2024-10-23

Client/Project
235300918

Client: EDP Renewables
Project: New Frontiers Solar Park
Report: SAR

Exhibit:
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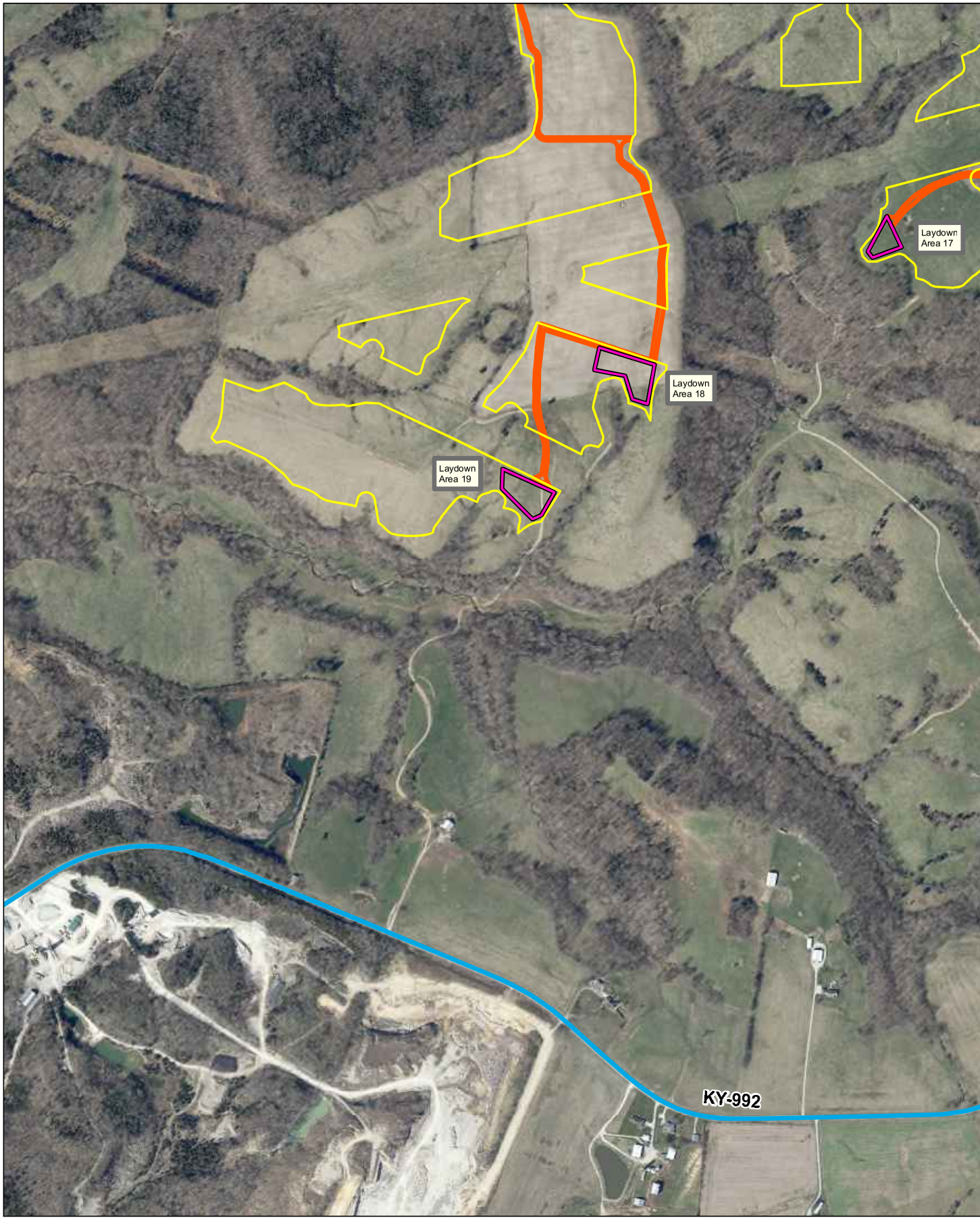

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Revised: 2024-12-20 By: cohoffmann

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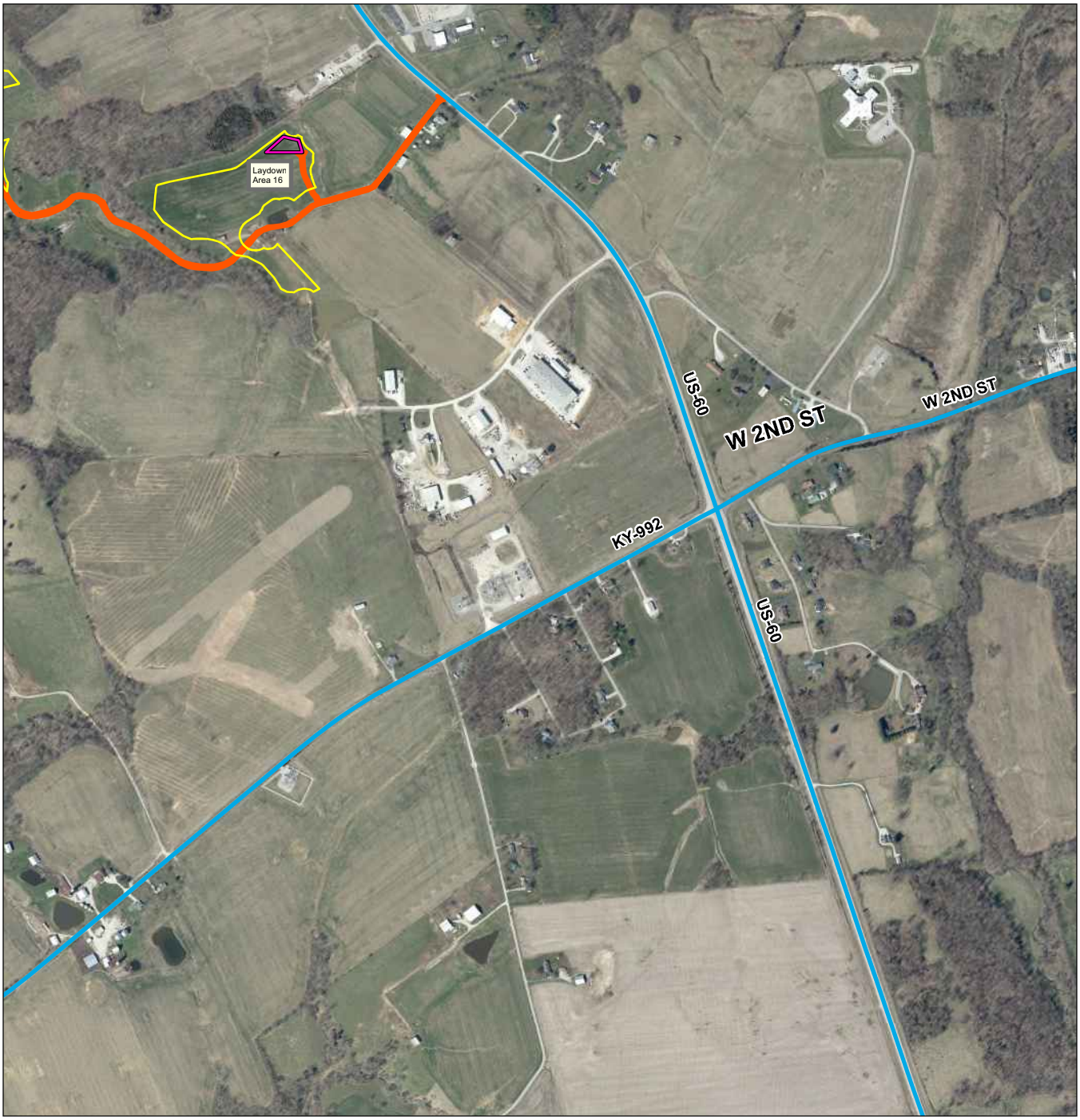

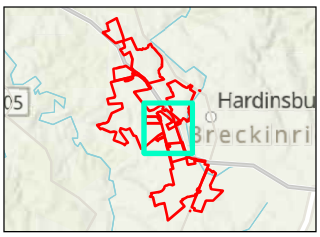

Legend

- Fenceline
- Laydown Areas
- Access Roads
- Public Roads

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Stantec

Project Location
Hardinsburg
Breckenridge County, Kentucky

Prepared by CRH on 2024-10-23

Client/Project 235300918

Client: EDP Renewables
Project: New Frontiers Solar Park
Report: SAR

Exhibit:
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Title
Construction Road Entrances

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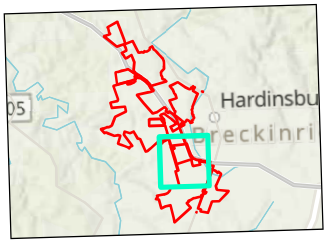

Legend

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- Laydown Areas
- Access Roads
- Public Roads

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Stantec

Project Location
Hardinsburg
Breckenridge County, Kentucky

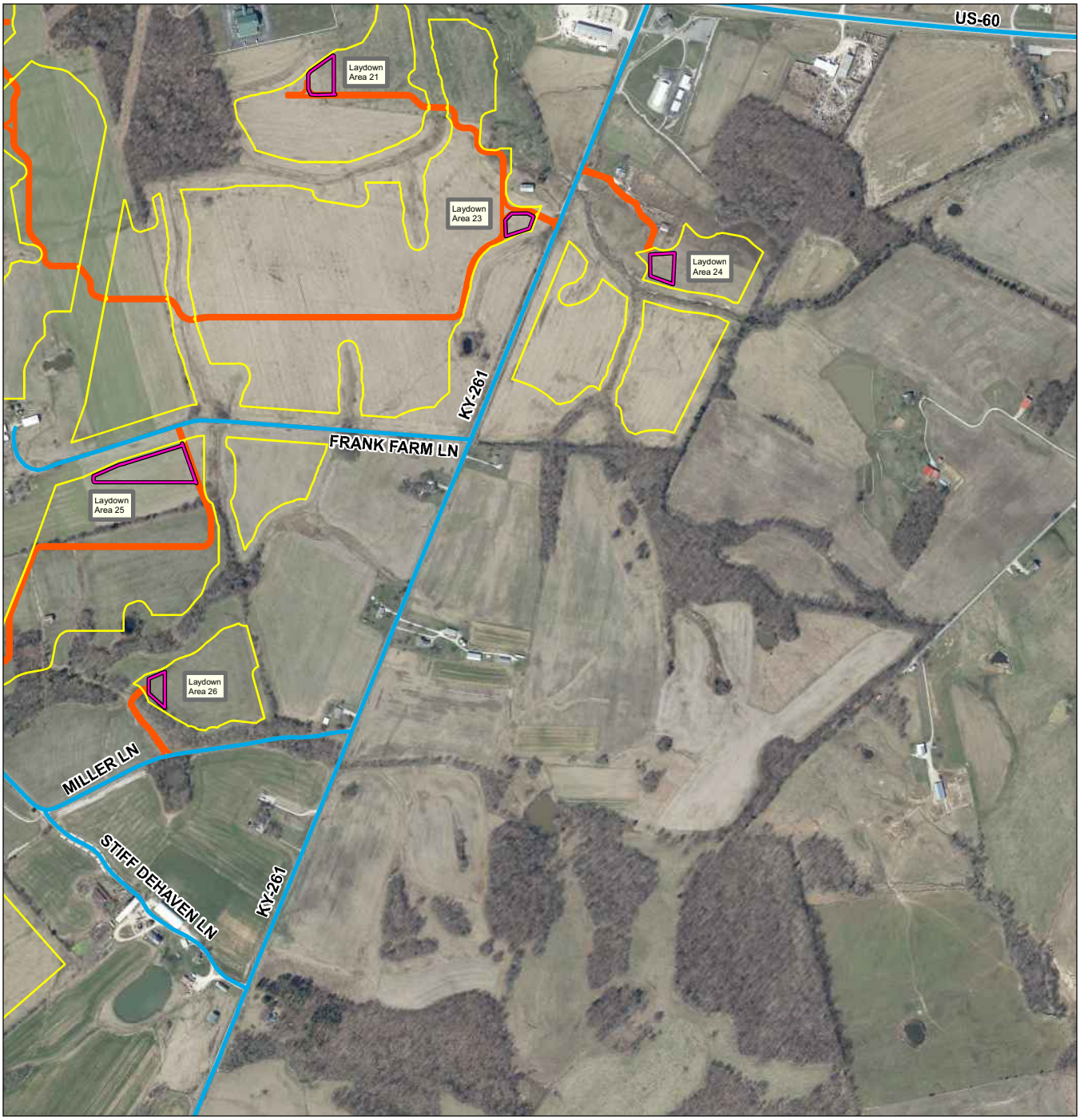
Prepared by CRH on 2024-10-23

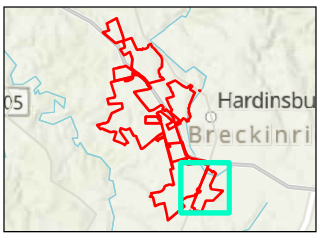
Client/Project
235300918

Client: EDP Renewables
Project: New Frontiers Solar Park
Report: SAR

Exhibit:
1

Title
Construction Road Entrances





Legend

- Fenceline
- Laydown Areas
- Access Roads
- Public Roads

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Notes

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2. Data Sources: New Frontiers/Clover Creek Layout Rev 2
3. Background: KyFromAbove Orthoimagery (2021)

Stantec

Project Location
Hardinsburg
Breckenridge County, Kentucky

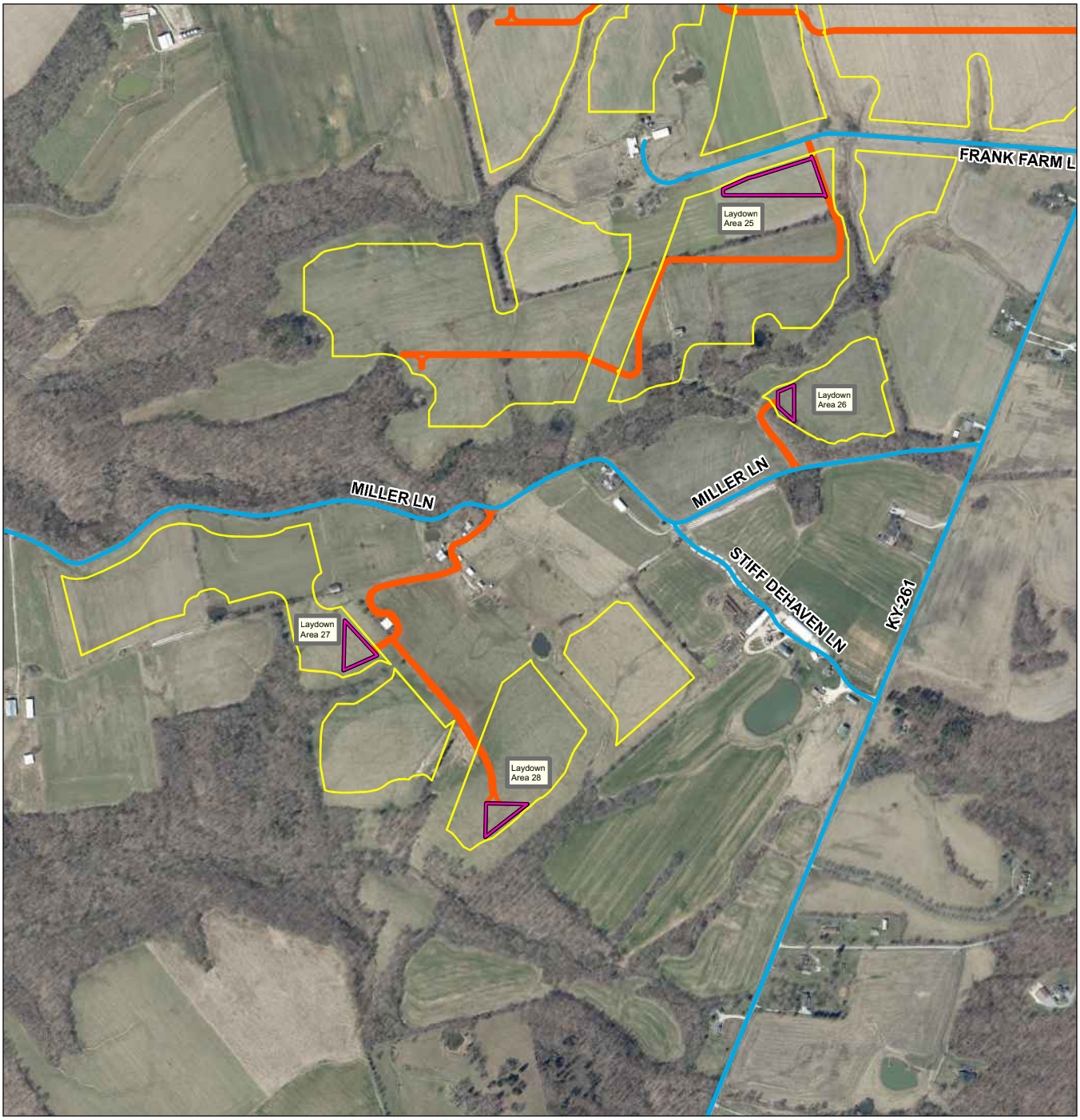
Prepared by CRH on 2024-10-23

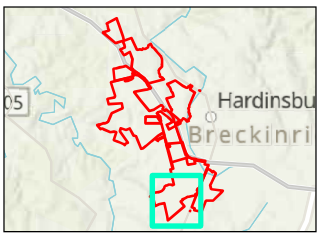
Client/Project
235300918

Client: EDP Renewables
Project: New Frontiers Solar Park
Report: SAR

Exhibit:
1

Title
Construction Road Entrances





Legend

- Fenceline
- Laydown Areas
- Access Roads
- Public Roads

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Notes

1. Coordinate System: NAD 1983 StatePlane Kentucky FIPS 1600 Feet
2. Data Sources: New Frontiers/Clover Creek Layout Rev 2
3. Background: KyFromAbove Orthoimagery (2021)

Stantec

Project Location
Hardinsburg
Breckenridge County, Kentucky

Prepared by CRH on 2024-10-23

Client/Project
235300918

Client: EDP Renewables
Project: New Frontiers Solar Park
Report: SAR

Exhibit:
1

Title
Construction Road Entrances

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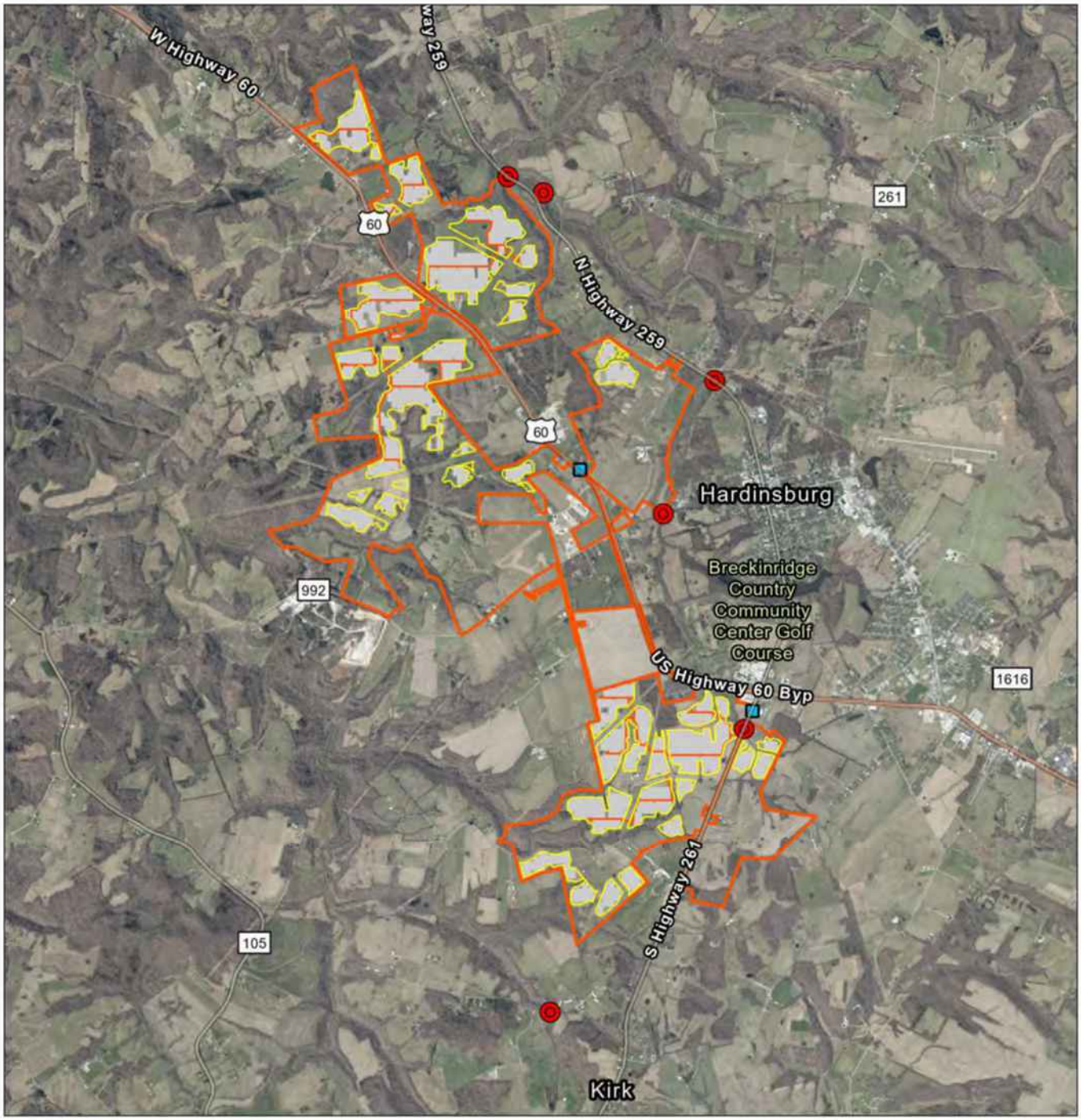
Request No. 43:

Identify all bridges along all roads proposed to be used during the delivery/construction phase of the project. Identify the width and weight capacity of each bridge and any upgrades or repairs that will need to be made prior to the commencement of construction.

Response No. 43:

Please see attached map identifying the bridges along proposed delivery/construction routes. The identified bridges have been rated for full access and thus there are no width or weight limits were identified for these bridges per the Kentucky Department of Transportation. Although improvements to accommodate heavy loads on existing state roads are not anticipated, improvements may be required for county roads used for deliveries during Project construction.

Responding Witness: Jesse Eick



Legend

- Bridge
- Box Culvert
- Project Area
- Project Fenceline
- Access Roads
- Arrays

0 2,500 5,000 Feet

(At original document size of 8.5x11)
1:61,026

N

Stantec

Project Location
Hardinsburg
Breckenridge County, Kentucky

Prepared by KC on 2024-12-24

Client/Project 235300918

Client: EDP Renewables
Project: New Frontiers Solar Park
Report: SAR

Exhibit:
1

Title
Bridge Map

Notes
1. Coordinate System: NAD 1983 StatePlane Kentucky FIPS 1600 Feet
2. Data Sources: New Frontiers/Clover Creek Layout Rev 2
3. Background: KyFromAbove Orthoimagery (2021)

Request No. 44:

Explain the plan for repairing Project-related damage to any roadways or bridges.

Response No. 44:

A survey will be performed prior to construction to identify the current conditions of roadways and bridges. The EPC contractor will then create a plan to address damage sustained during the construction phase of the Project and to restore any roads or bridges their pre-construction condition. The Project will work with local and state authorities as necessary to facilitate these repairs.

Responding Witness: Jesse Eick

Request No. 45:

Provide if Industrial Park Lane will be utilized during the delivery of the project substation.

Response No. 45:

At this time, the Project does not plan to utilize Industrial Park Lane for delivery of the Project substation.

Responding Witness: Jesse Eick

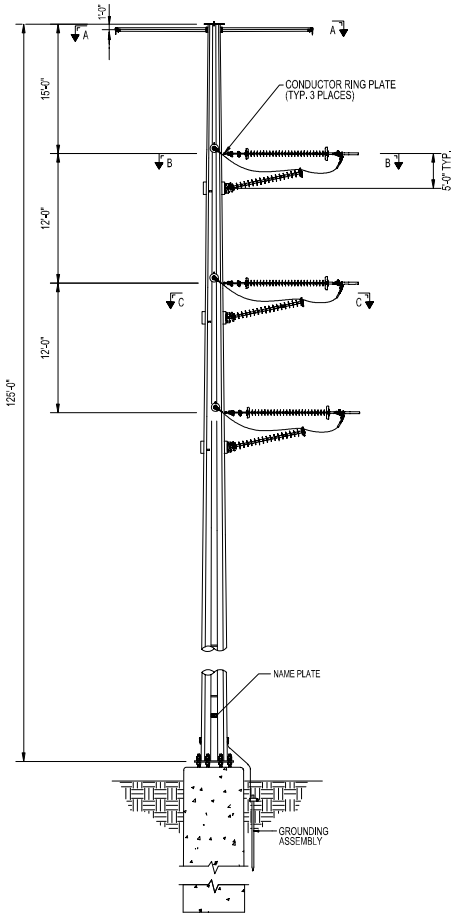
Request No. 46:

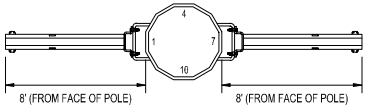
Provide any sketches of the proposed transmission line support structure.

Response No. 46:

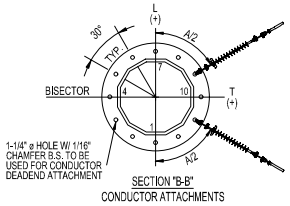
Please see the attached sketch showing the proposed support structure.

Responding Witness: Jesse Eick





SECTION "A-A"



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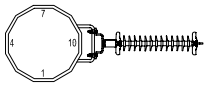
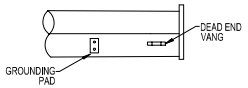
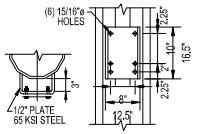
CONDUCTOR ATTACHMENTS



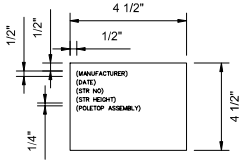
SECTION "C-C"
JUMPER POST ATTACHMENTS



OPGW DEAD END ARM DETAIL



JUMPER POST INSULATOR
BRACKET DETAIL



NAME PLATE DETAIL

NOTE:
1. TYPICAL STRUCTURE CONFIGURATION.
2. THIS IS NOT THE FINAL DESIGN AND IS ONLY FOR PERMITTING PURPOSES.

VER.	DATE	MODIFICATION	PAGES MODIFIED
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VER.	DATE	DRAWN	CHECKED	APPROVED	MODIFICATION

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01/25	APPROVED JAF
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NEW FRONTIERS SOLAR PARK

CLOVER CREEK SOLAR
HARDINGSBURG, KY

TYPICAL STRUCTURE

TRC

Rev. A | Page: 1 of 1

Proj. Nº: 621317 | Doc. Nº: CLC1-T-TYPSTR | Drawing Nº: T-XXXX

Request No. 47:

Explain how the proposed transmission route was determined.

Response No. 47:

Clover Creek determined the shortest and least impactful transmission route to interconnect the Project is the BREC Hardinsburg substation.

Responding Witness: Jesse Eick

Request No. 48:

Multiple transmission lines, owned by Big Rivers Electric Corporation (BREC) and Kentucky Utilities Company (KU), transect the project. Provide any communication with the two utilities regarding the project and any concerns that were raised.

Response No. 48:

Project representatives have communicated with representatives from both BREC and KU regarding the Project, and these communications have included discussions about potential encroachment agreements. Both BREC and KU have provided design parameters related to the areas where transmission lines transect the Project, and the Project will be designed accordingly. Specific communications with utilities have been preliminary, with conversations focusing on location of potential crossings, crossing requirements, and potential encroachment agreements.

Responding Witness: Jesse Eick

Request No. 49:

Provide the rights-of-way for all transmission lines that transect any portion of the project site.

Response No. 49:

Please see the attached map showing rights-of-way for the Project site.

Responding Witness: Jesse Eick

edp Renewables

Clover Creek Solar Park Transmission Easements North of HWY 992

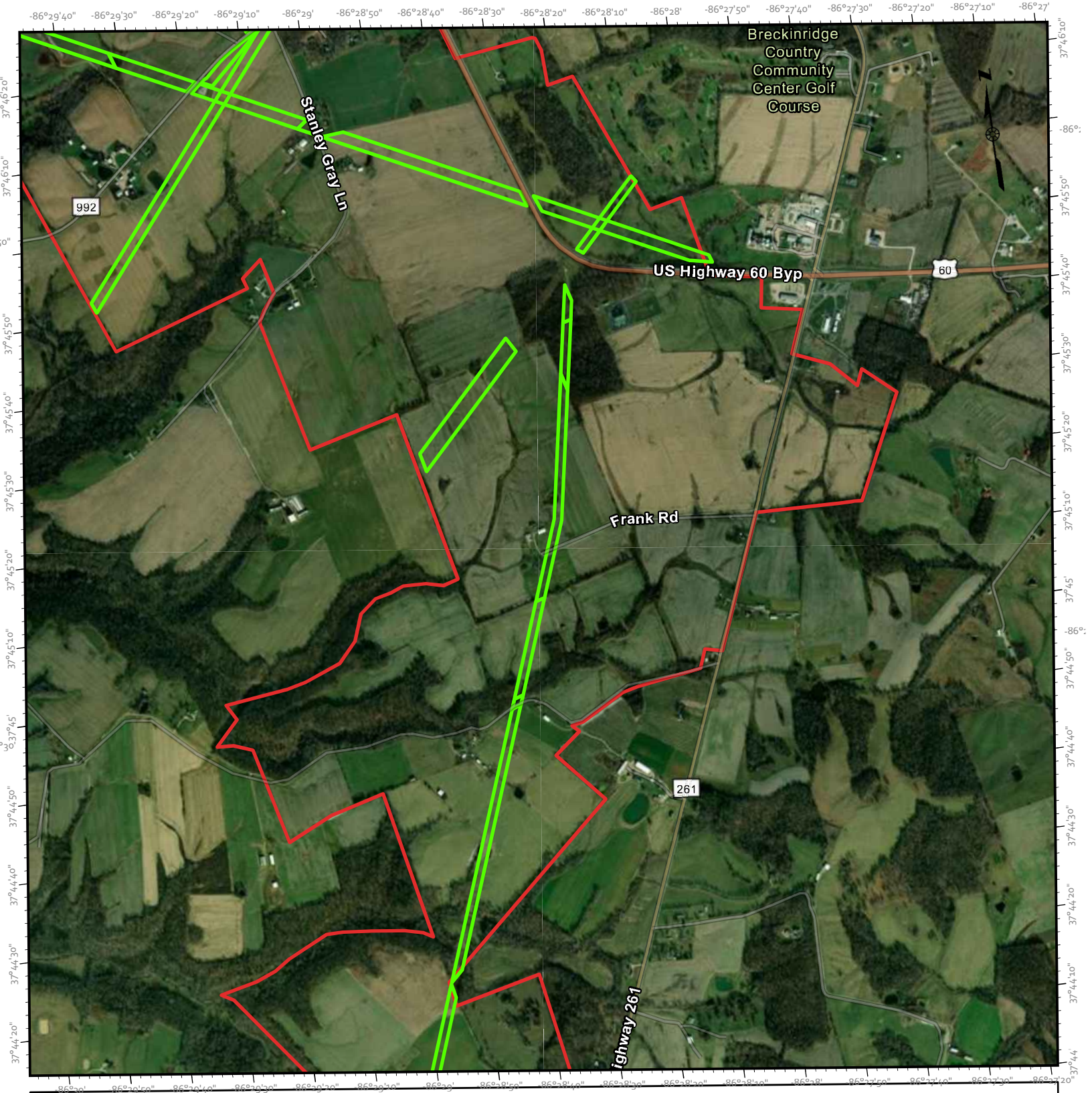
Date: 12/18/2024

Area Shown

- Project Boundary
- Tranmission Easements

0 0.35 0.7

Miles



edp Renewables

Clover Creek Solar Park Transmission Easements South of HWY 992

Date: 12/18/2024

Area Shown

- Project Boundary
- Tranmission Easements

0 0.35 0.7

Miles

Request No. 50:

Detail any communication with the residences closest to the proposed substation location.

Response No. 50:

Project representatives contacted the landowners near the Project substation, mainly by telephone, to discuss the construction process and initiate communications to address any questions or concerns. In addition, a packet outlining the Project information and an invitation to confer with Project representatives was dropped off in mailboxes belonging to these landowners. Project representatives did not receive any responses to these communication efforts.

Responding Witness: Jesse Eick

Request No. 51:

Explain whether vegetative clearing be required to accommodate the proposed 460 ft long transmission line. If yes, provide the anticipated acreage of vegetative clearing and any permits that will be required.

Response No. 51:

It is not anticipated that any vegetative clearing will be necessary to accommodate the proposed transmission line.

Responding Witness: Jesse Eick

Request No. 52:

Refer to the Kentucky Geological Survey Oil and Gas Wells Search (KY Geode: KGS Oil and Gas Wells Search (uky.edu)).

a. Provide a map with all active and inactive oil or gas wells on the proposed site. Also include any gas- gathering pipelines associated with the wells.

b. Determine and confirm whether any of these wells are currently permitted and active.

c. Confirm whether the existence of oil and gas wells and pipelines will require adjustments to the proposed location of solar panels.

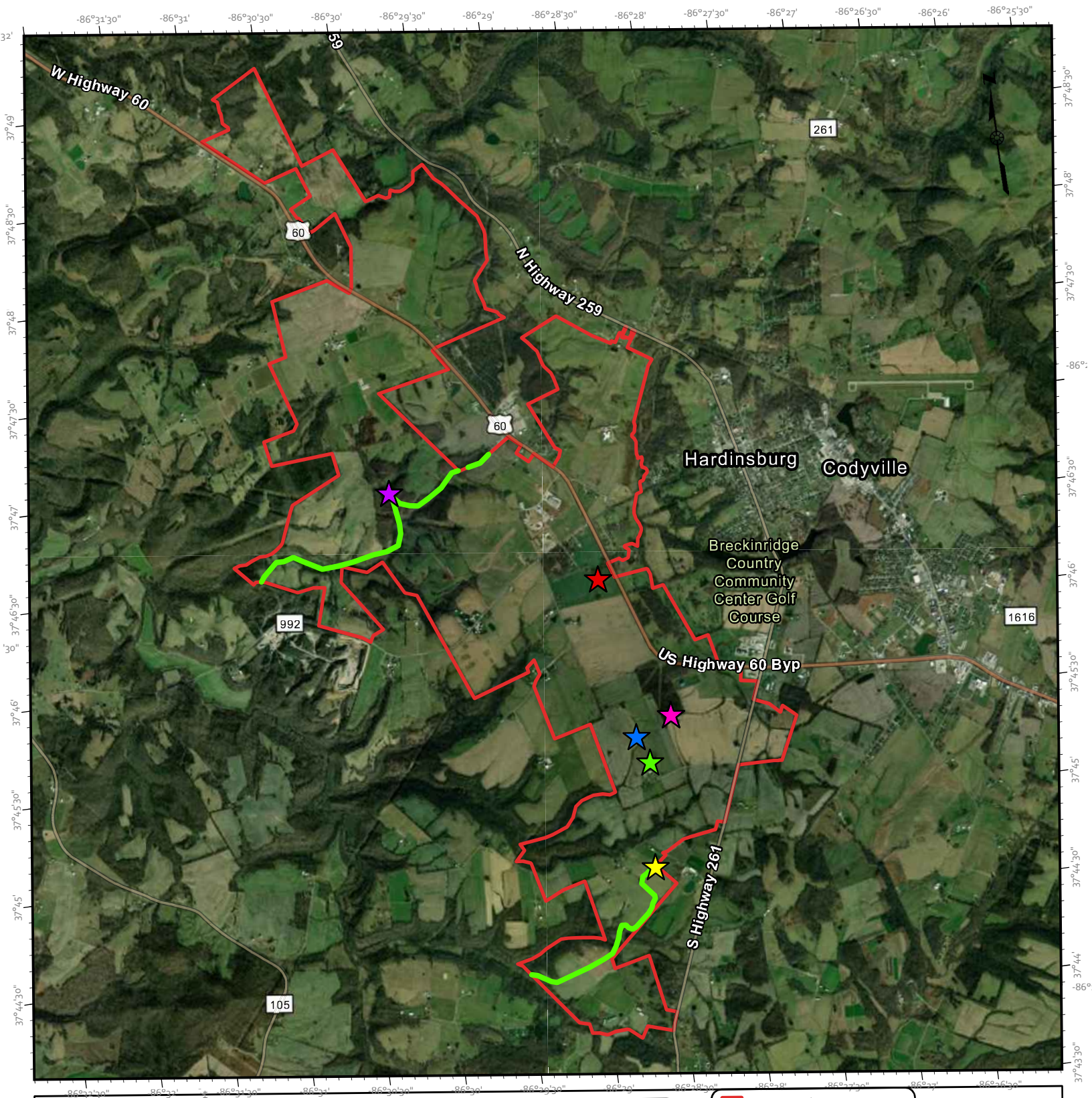
Response No. 52:

a. Please see attached maps showing the wells and pipelines on the proposed site.

b. No wells on the proposed site are active.

c. All wells and pipelines were considered when designing the Project, thus no adjustments to the proposed location of solar panels are needed.

Responding Witness: Jesse Eick



edp Renewables

Clover Creek Solar Park
Oil & Gas Well Map

Date: 12/17/2024

Area Shown

Project Boundary

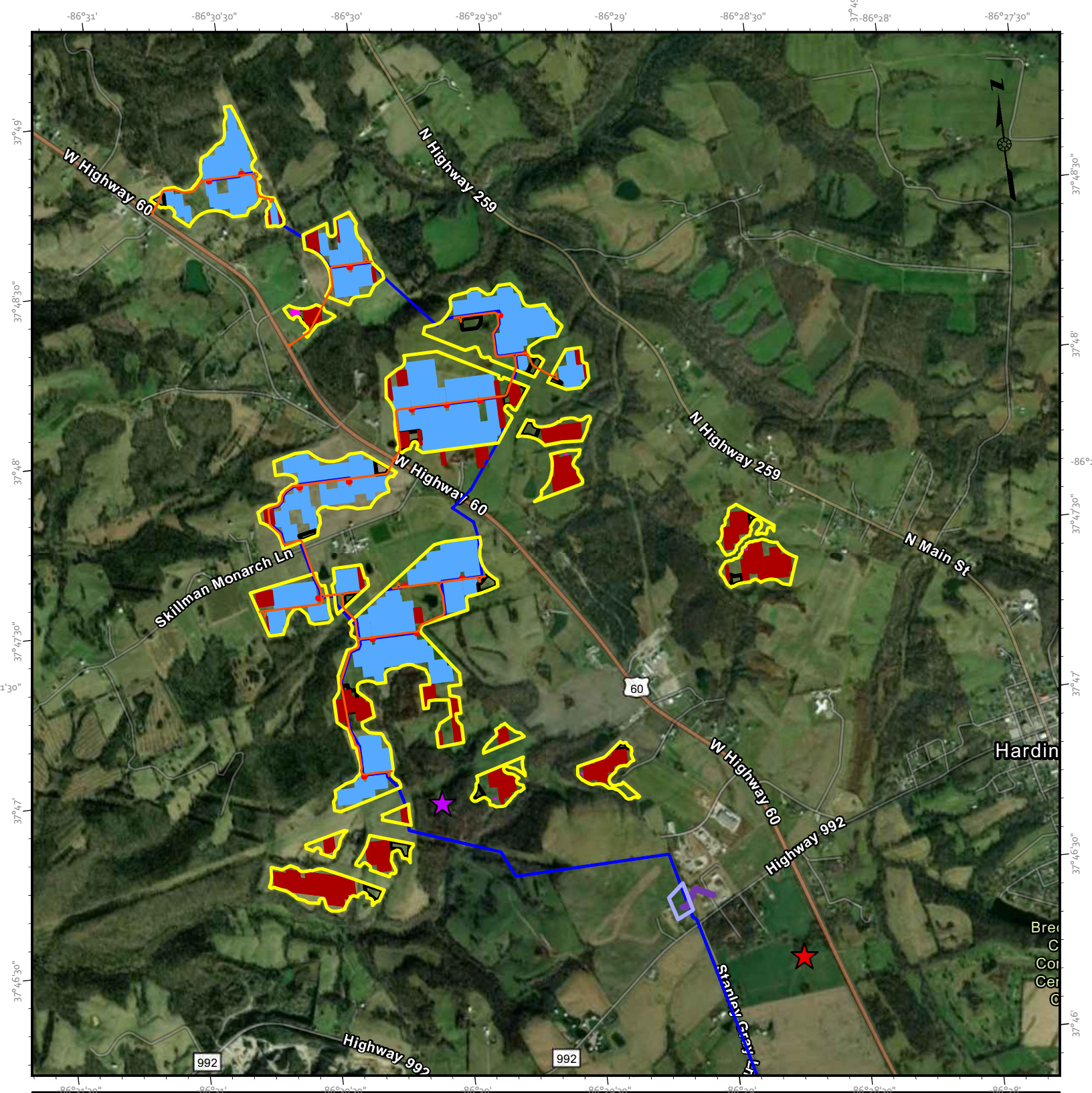
Natural Gas Lines

Oil & Gas Well Record Number

- 3004218
- 127872
- 129536
- 129537
- 144736
- 145089

0 0.95 1.9

Miles



edp Renewables

Clover Creek Solar Park Layout Oil & Gas Well Map

Date: 12/17/2024

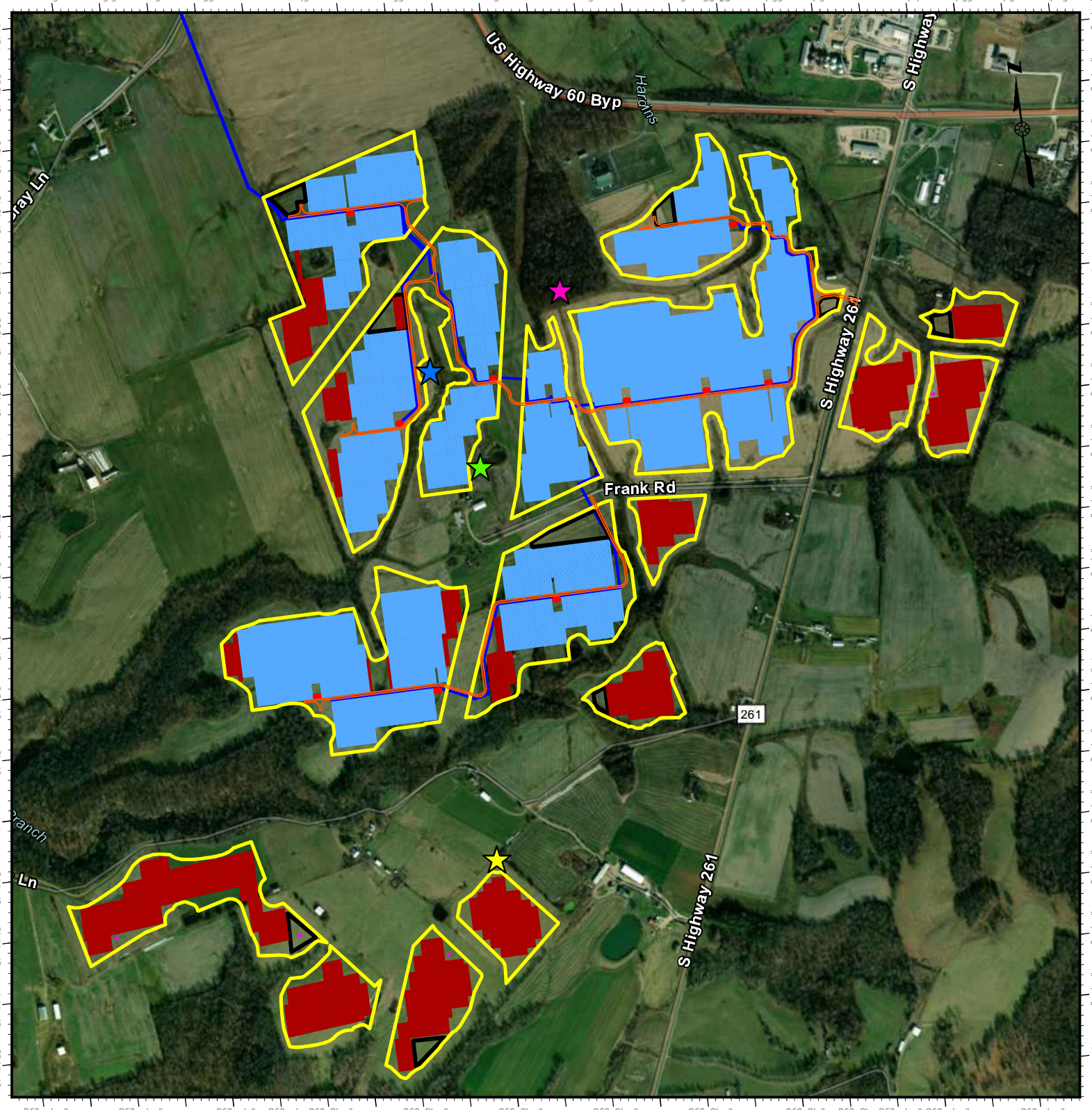
Area Shown

Oil & Gas Well Record Number

- 127872
- 129537

0 0.55 1.1

Miles



edp Renewables

Clover Creek Solar Park Layout Oil & Gas Well Map

Date: 12/17/2024

Area Shown

Oil & Gas Well Record Number

- 3004218
- 129536
- 144736
- 145089

0 0.25 0.5

Miles

Request No. 53:

The proposed project site is transected by multiple pipelines, including: A Texas Gas 26" natural gas main pipeline, a Texas Gas 16" natural gas pipeline, and an Owensboro, Catlettsburg Crude 24" crude oil pipeline. Provide:

a. Any communication with the owners of these pipelines and any concerns that were raised.

b. The appropriate setbacks from each pipeline.

c. A map showing the location of all pipelines and their corresponding setbacks from all project components. Include on the map all electric generation components.

d. Provide how Clover Creek Solar manages to avoid all pipelines, especially with components such as the AC Collection system.

Response No. 53:

a. Project representatives communicated with pipeline owners regarding proposed encroachment agreements and setbacks for the Project, including representatives of Marathon Pipe Line LLC and Boardwalk (Texas Gas) Pipelines. Communications included details regarding pipeline locations and possible terms for encroachment agreements. Communications with the pipelines are currently being reviewed for confidentiality under federal and state laws and will be produced at a later date.

b. Each pipeline in the Project area has been set back 100 feet on either side of the pipeline's center line.

c. Please see the attached map showing pipeline locations and related setbacks.

d. Although complete avoidance of pre-existing pipelines is not possible, the Project is designed to minimize impacts to pipelines by avoiding placement of infrastructure in ROWs except where boring techniques will be utilized to cross underneath the pipelines.

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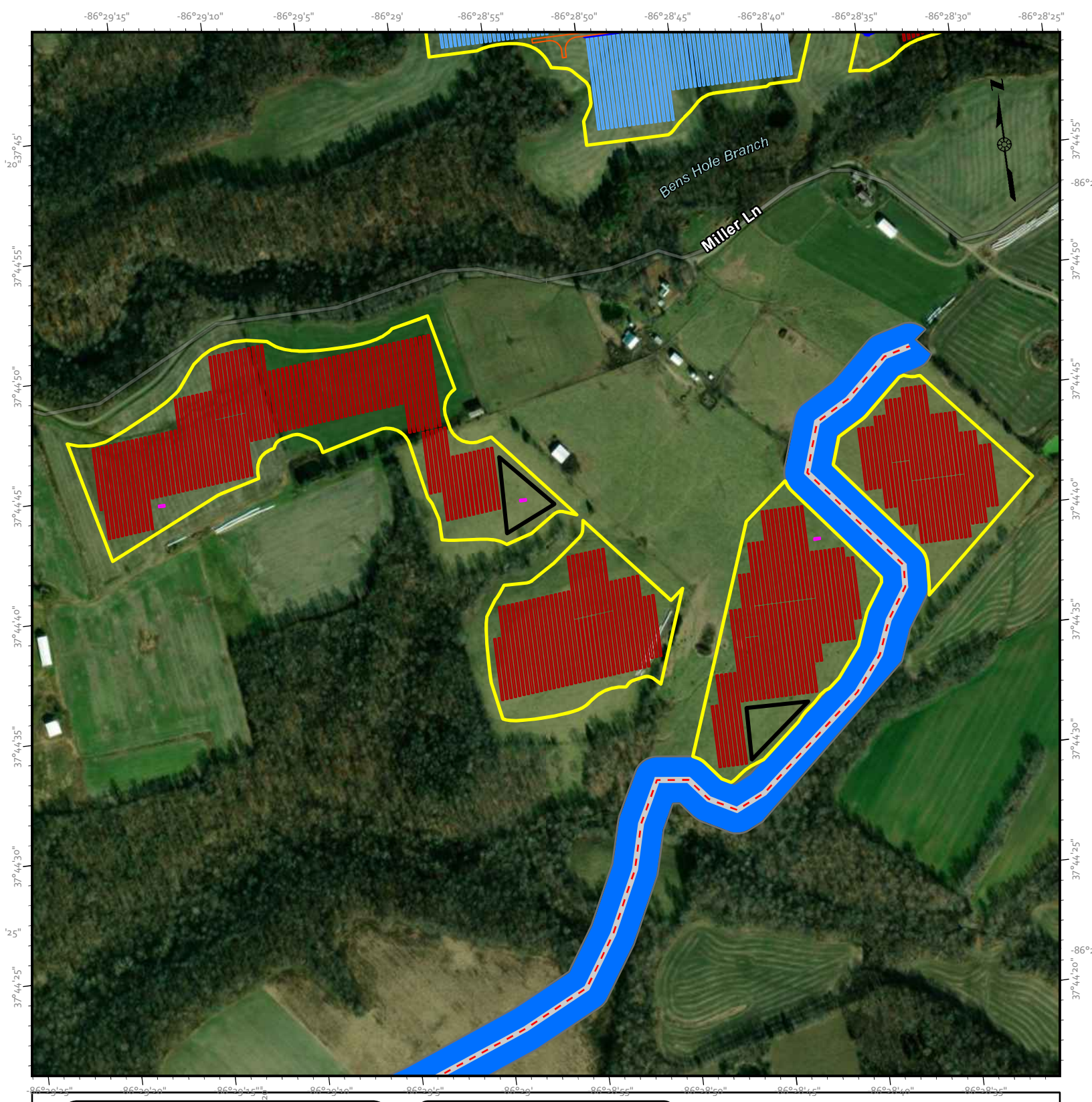
Responding Witness: Jesse Eick



edp Renewables

Clover Creek Solar Park
Endeavor Natural Gas Line

Date: 12/18/2024

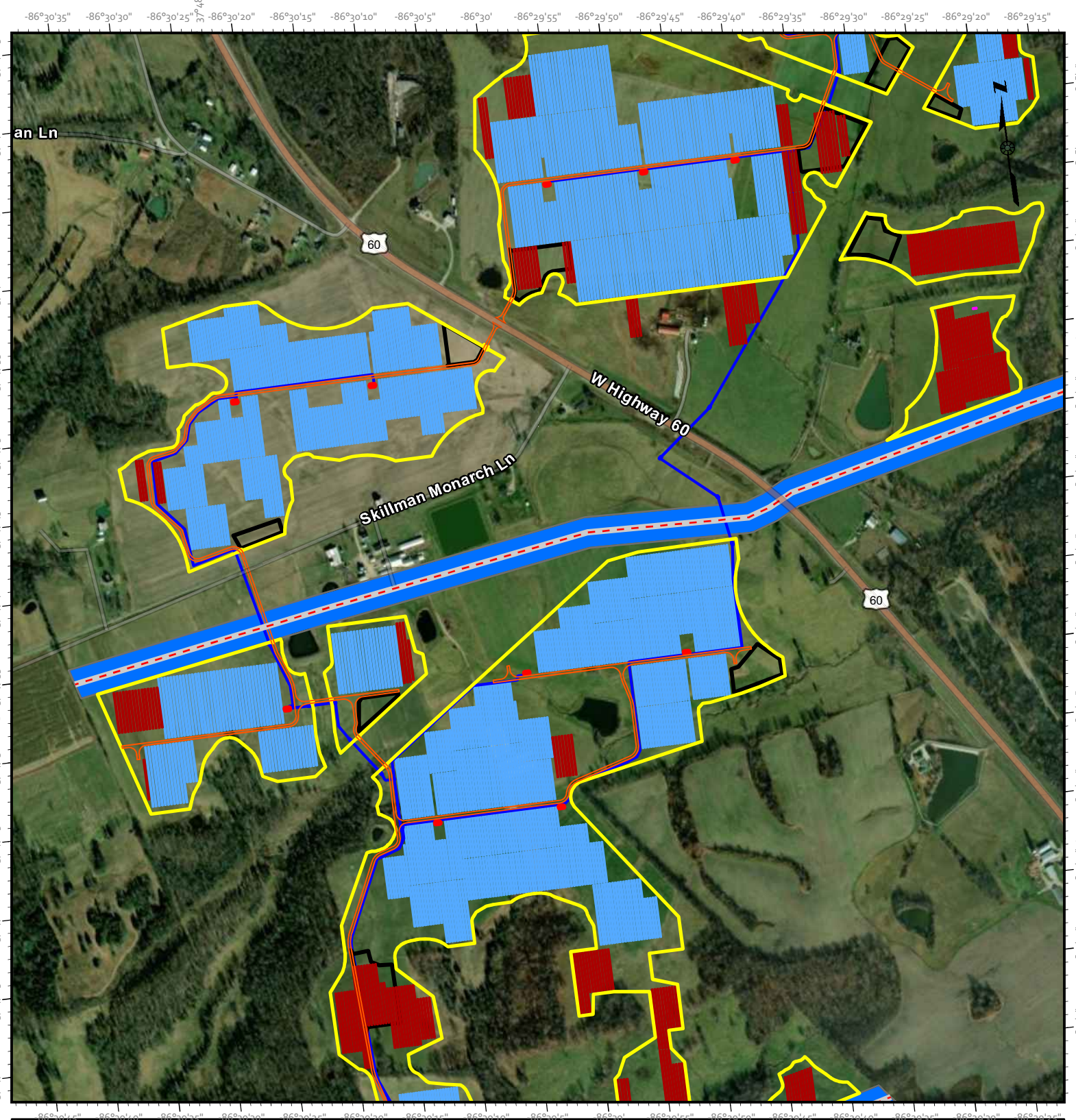
Area Shown

Oil and Gas lines

100 FT Buffer from Centerline (200FT total)

0 0.1 0.2

Miles



edp Renewables

Clover Creek Solar Park
Owensboro,Catlettsburg
24 " Crude

Date: 12/18/2024

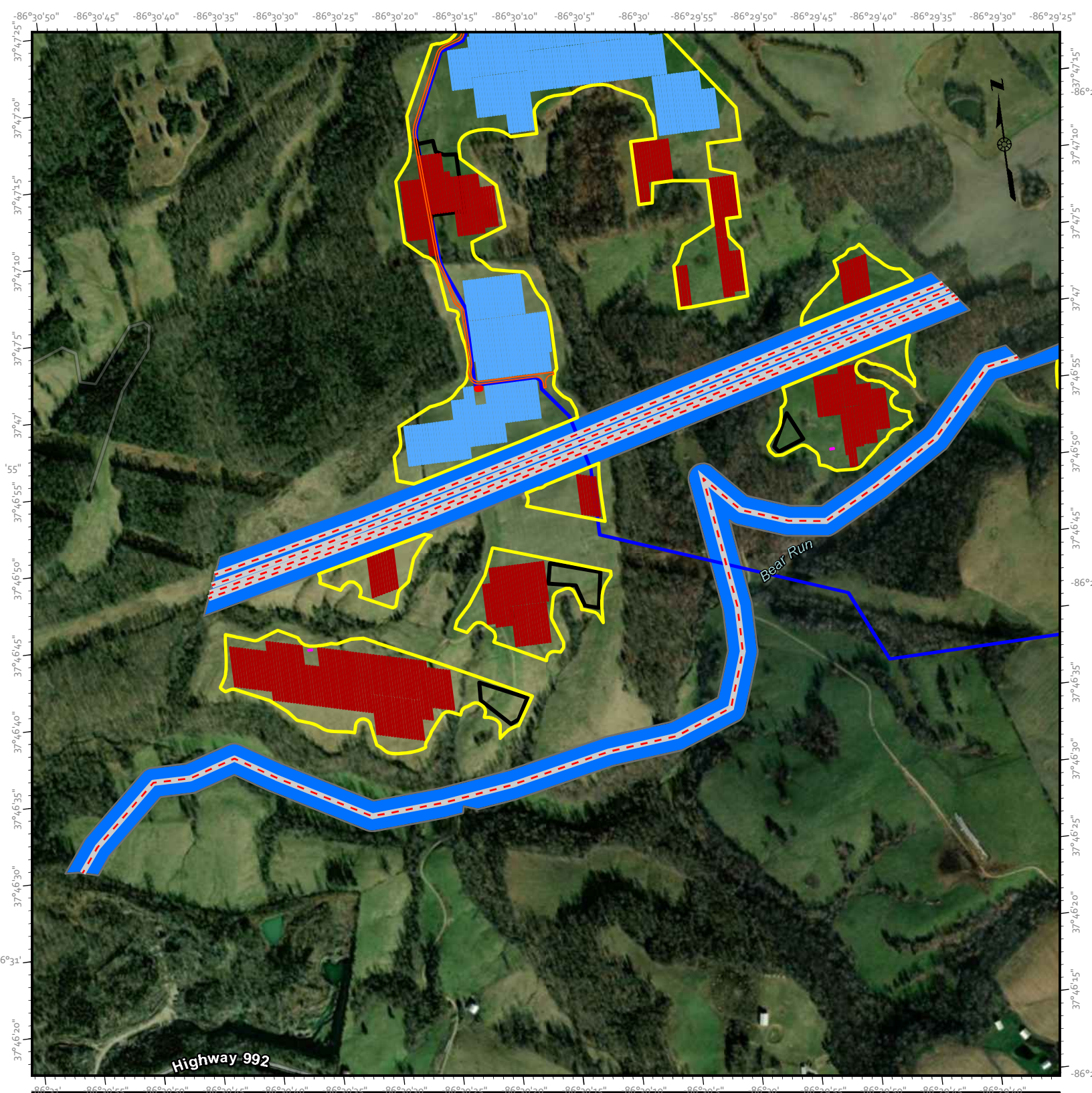
Area Shown

Oil and Gas lines

100 FT Buffer from Centerline (200FT total)

0 0.2 0.4

Miles



edp Renewables

Clover Creek Solar Park
Texas Gas Natural Gas 26" and Natural Gas 16" & Endeavor Natural Gas

Date: 12/18/2024

Area Shown

Oil and Gas lines

100 FT Buffer from Centerline (200FT total)

0 0.2 0.4

Miles

Request No. 54:

Provide a narrative description of where the solar meteorological stations will be located.

Response No. 54:

The Project has not finalized locations for its meteorological stations at this time.

Responding Witness: Jesse Eick

Request No. 55:

Explain whether Clover Creek Solar will pursue an Industrial Revenue Bond and Payment In Lieu of Taxes agreement with Breckinridge County. If yes, explain how that might change the cumulative tax revenues of the Project.

Response No. 55:

Although the Project has communicated with the Breckinridge County Fiscal Court and County Judge/Executive regarding a potential Industrial Revenue Bond and Payment In Lieu of Taxes agreement, no decision to pursue such an agreement has been reached at this time.

Responding Witness: Jesse Eick

Request No. 56:

Explain whether Clover Creek Solar intends to hire as many local workers for the construction and operations phases of the project as possible, all other qualifications for the positions being equal. If confirmed, explain how Clover Creek Solar will ensure this occurs.

Response No. 56:

The Project and its EPC contractor hope to hire as many local workers as possible, as long as these individuals are qualified for the open positions to be filled. To help facilitate this goal, the Project plans to partner with a third party labor agency to hold job fairs and otherwise market the Project to local communities.

Responding Witness: Jesse Eick

Request No. 57:

Refer to the Application, SAR, Attachment D, Noise Study. Provide a map that displays and labels each noise receptor listed in the report.

Response No. 57:

A map displaying and labeling each noise receptor is included in SAR Attachment D (Sound Study), Figure 3.

Responding Witness: Chad Martin

Request No. 58:

Refer to SAR, Attachment D, Appendix A. Provide a table in the format of Table A.1. for the Construction Sound Model results. Include the results for pile driving in the table.

Response No. 58:

Noise from pile driving would vary depending on multiple factors including the location of pile driving activity within the Project site, the number of pile drivers being used within a given area, humidity, wind, and other variables. Because noise levels from pile driving would vary based on these factors, the Project's Sound Study modeled noise results from up to three pile drivers working simultaneously within the same solar panel block. Results of this study were compiled in the noise contour map provided with SAR Attachment D, which showed a 55 dBa contour approximately 1,000 feet from collective noise-producing sources, or in this case, the edge of the Project's racking systems.

Responding Witness: Chad Martin

Request No. 59:

Regarding construction noise, provide all mitigation measures considered for noise dampening during the construction phase.

Response No. 59:

Mitigation measures considered for noise during the construction phase are as follows. Noise from pile driving will be mitigated by Project setbacks from residential and other noise sensitive receptors, limitation of construction hours, use of existing topography, and sequencing of pile driver use to avoid creating sustained noise in any one area.

Responding Witness: Jesse Eick

Request No. 60:

Explain whether construction activities will occur sequentially, or concurrently across the Project site.

Response No. 60:

Construction activities may occur both sequentially and concurrently, depending on the activity and phase of construction. Construction activities will include activities such as pile driving, grading and site preparation, and installation of generation infrastructure. Certain activities will move sequentially across the site as needed, but multiple activities may occur simultaneously within a single location for a short time.

Responding Witness: Jesse Eick

Request No. 61:

Detail any communications with members of the public, including neighboring landowners, regarding construction noise.

Response No. 61:

Project representatives have communicated extensively with members of the public regarding information such as construction noise. Specifically, Project representatives have presented Project information at local fiscal court meetings, meetings with nonparticipating landowners in the county and otherwise adjacent to the Project, and also by meeting with participating landowners. Specific information regarding construction noise and the construction process and timeframe were discussed in these meetings. Project representatives have made themselves available to the public at fiscal court meetings in an effort to hear the concerns and proposed solutions of the constituents in the county.

Responding Witness: Jesse Eick

Request No. 62:

Provide a copy of the stormwater management plan for the project.

Response No. 62:

A copy of the Project's stormwater management plan is not currently available. The Project anticipates creating this plan by mid-March 2025.

Responding Witness: Jesse Eick

Request No. 63:

Confirm whether the site will be irrigated to promote vegetation.

Response No. 63:

A decision whether to implement irrigation to promote vegetation has not been finalized at this time. Implementation of irrigation is dependent on multiple factors, including time of year for planting.

Responding Witness: Jesse Eick

Request No. 64:

Provide any geotechnical reports for the project.

Response No. 64:

A final geotechnical report is anticipated to be completed by February 2025 and will be submitted to the Siting Board upon completion.

Responding Witness: Jesse Eick

Request No. 65:

Provide any historic or archeologic studies that have been planned or completed for the project site.

Response No. 65:

Please see the archaeological records review provided in Response to Request No. 23.

Responding Witness: Jesse Eick

Request No. 66:

Provide the Construction Dust Control Plan for the project.

Response No. 66:

Please see the attached Dust Control Plan.

Responding Witness: Jesse Eick

Dust Control Plan

New Frontiers Solar

SOLAR

November 2024

Rev. 0

Table of Contents

1. Purpose and Scope

This Dust Control Plan (DCP) is designed to outline the measures to be implemented during the construction of the New Frontiers Solar Farm to minimize and control airborne dust emissions. The goal is to ensure compliance with environmental regulations, safeguard the health and safety of construction workers, and reduce any negative impact on neighboring communities, agricultural lands, and sensitive ecosystems.

2. Regulatory Requirements

Local Regulations: Ensure compliance with local air quality standards and construction dust regulations.

Federal Regulations: Adherence to the Clean Air Act (CAA), EPA National Ambient Air Quality Standards (NAAQS), and state-level air quality standards.

Permits: If required, obtain necessary air quality permits and provide documentation for dust suppression measures to local authorities.

3. Site Assessment and Identification of Dust Sources

Dust can be generated from various sources during the construction process, including:

a. Site Preparation: Land clearing, grading, and excavation.
b. Vehicle Traffic: Dust from heavy trucks and construction vehicles moving across dirt or gravel roads.
c. Material Handling: Dust generated from stockpiling, transferring, and moving materials such as sand, gravel, or soil.
d. Demolition: Dust from removal of any existing structures or debris on-site.
e. Operation of Heavy Equipment: Dust from bulldozers, excavators, and other construction machinery.

4. Dust Control Measures

4.1 General Dust Control Strategies

a. Watering: Apply water to exposed surfaces, roads, and stockpiles to minimize dust by use of water truck. Frequency of watering will depend on weather conditions and construction activities.

b. Dust Suppressant Chemicals: When water alone is insufficient, non-toxic dust suppressant chemicals (such as lignosulfonates or synthetic polymers) may be applied to stabilize soil surfaces.
c. Speed Limits: Establish and enforce speed limits (e.g., 15 mph or lower) for all construction vehicles within the project site to reduce dust generation.
d. Gravel or Paved Roads: If feasible, provide gravel or temporary paving on frequently used roads to minimize dust.
e. Enclosed Material Handling: Use covered trucks or tarps when transporting materials that are prone to creating dust.
f. Dust Barriers: Erect temporary dust barriers (e.g., silt fences or windbreaks) around construction areas or material storage yards.

4.2 Specific Dust Control during Construction Activities

Site Preparation & Grading:

a. Limit the amount of disturbed land at any one time to reduce overall dust exposure.
b. Apply dust control measures (water or suppressant) as soon as practicable after grading activities.

4.3 Excavation & Trenching

a. Wetting down soil before excavation and placing a cover or tarp over exposed excavated areas to reduce wind-blown dust.
b. Use water sprays on trenching equipment if needed to minimize airborne dust.
c. Store material piles in low-traffic areas with sufficient watering or dust control treatments.
d. Use tarps or covers on stockpiles during high-wind conditions.
e. Use wet demolition methods to minimize dust generation (if applicable)
f. Use vacuum systems or dust capture devices for cutting and grinding (if applicable)

4.4 Ongoing Monitoring and Adjustment

Visual Inspection: Daily site inspections by the site manager or environmental officer to assess the effectiveness of dust control measures.

Corrective Actions: If dust levels exceed acceptable limits or if visible dust is noted, additional control measures (e.g., increased watering, use of dust suppressant, temporary covering of stockpiles) will be implemented.

5. Employee and Public Safety Measures

Personal Protective Equipment (PPE): Ensure all workers have access to appropriate PPE, including dust masks (N95 or higher) when working in high-dust areas.

Health and Safety Training: Provide dust exposure awareness training for all workers and enforce use of PPE when required.

Public Notifications: In areas where the project is near residential or agricultural zones, notify local communities of the construction schedule and potential dust impacts. Provide contact information for dust-related complaints.

6. Emergency Response Plan

In case of a dust-related emergency (e.g., dust storm or high levels of dust impacting local air quality), the following measures will be enacted:

a. Cease Operations: Temporarily halt activities that are contributing to the dust (e.g., grading, excavation, etc.).
b. Increased Dust Suppression: Increase watering or apply additional dust suppressants immediately.
c. Evacuate High-Risk Areas: For particularly sensitive individuals, such as workers with respiratory conditions, evacuate from areas with high dust exposure.
d. Notify Authorities: Report the dust event to local environmental agencies if air quality thresholds are exceeded.

7. Conclusion

The goal of this Dust Control Plan is to ensure that dust emissions during the construction of the New Frontiers Solar Farm are minimized, and the health and safety of workers and the surrounding community are protected. Continuous monitoring, quick action in response to dust issues, and compliance with regulatory requirements will ensure a smooth construction process and adherence to environmental standards.

Revision History

Rev. #	Description of Changes	Revised By	Reviewed By	Approved By	Date
0	NEW FRONTIERS SOLAR DUST CONTROL PLAN	K. Gomez Diaz		K. Gomez Diaz	12/16/24

Request No. 67:

Provide a copy of the Groundwater Protection Plan.

Response No. 67:

A Groundwater Protection Plan for the Project has not been prepared at this time.

Responding Witness: Jesse Eick

Request No. 68:

Provide any communication with local emergency services on security and emergency protocols during construction and operations. If contact has not been made, explain when that contact will occur.

Response No. 68:

No communications with local emergency services have been initiated at this time. Project representatives will connect with local fire and other necessary emergency officials in early 2025 to discuss the Project, and EPC contractor PCL will begin working with local emergency services regarding security and emergency protocols for the Project prior to commencing construction. Please also see Response to Request No. 28.

Responding Witness: Jesse Eick

Request No. 69:

Provide who will control access to the site during construction and operations.

Response No. 69:

During construction, the EPC team will control access to the site. During operation, the Project's site operations manager will manage site access.

Responding Witness: Jesse Eick

Request No. 70:

Refer to the SAR, Attachment D and H, Noise and Traffic Study.

a. Provide the weight limits of each local roadway to be used for construction traffic.

b. Provide the number of worker vehicles traveling to the site each day during construction.

c. Provide the number and approximate weight classes of the heavy and light duty trucks anticipated on site per day during the construction phase.

d. Provide the estimated weight of the project's required substation transformer and the truck class necessary for its delivery.

Response No. 70:

a. Weight limits for anticipated roadways are as follows:

i. Highway 60: Class AAA, 80,000 pounds;

ii. Skillman Monarch Lane: Class A, 44,000 pounds;

iii. KY 259: Class AA, 62,000 pounds;

iv. KY 992: Class AA, 62,000 pounds;

v. KY 261: Class AA, 62,000 pounds; and

vi. Bens Hole Branch Road: Class A, 44,000 pounds.

b. The Project anticipates up to 240 worker vehicles traveling daily during construction.

c. The number and approximate weight classes of heavy and light duty trucks onsite per day during Project construction are as follows:

i. Approximately 200 passenger cars or pickup trucks, ranging between 2,500 and 6,000 pounds in weight;

ii. Approximately 20 delivery trucks and associated trailers, ranging between 6,000 and 10,000 pounds in weight; and

iii. Approximately five semi-trucks and associated trailers, ranging between 24,000 and 80,000 pounds in weight.

d. The substation transformer is anticipated to weigh between 40,000 and 60,000 pounds. The class of truck anticipated for delivery of the substation will be a semi-truck with drop axles and a flatbed trailer capable of hauling up to 105,000 pounds.

******

Responding Witness: Jesse Eick

Request No. 71:

Identify specific roadways used by heavy trucks, including for delivery of the transformer.

Response No. 71:

Although the specific route for oversized loads will be finalized in coordination with state and local officials prior to commencing construction, the Project anticipates heavy trucks will likely use Highway 60, KY 261, and KY 992 and as main haul routes. Use of local roads are anticipated but finalized routes will depend on the terminal delivery point for the Project substation. At this time, potential delivery routes on local roads may include Frank Farm Road, Bens Hole Branch Road, and Skillman Monarch Lane.

Responding Witness: Jesse Eick

Request No. 72:

Explain whether any traffic stoppages will be necessary to accommodate large truck deliveries. If yes, provide the expected locations, frequency, and length of those stoppages.

Response No. 72:

Clover Creek Solar Project anticipates potential traffic stoppages, mainly related to the delivery of the Project substation. The Project substation will be installed on parcel 59-21, which adjoins the existing utility substation owned and operated by BREC. The Project intends to utilize Highway 60 and KY 992 as its main delivery route. The location, frequency and length of stoppages will depend on the route selected and the specific date and time of the delivery. Clover Creek anticipates brief and infrequent and singular traffic stoppages for delivery of the transformer.

Responding Witness: Jesse Eick

Request No. 73:

Provide any communications with Breckinridge County Road Department regarding permits or agreements necessary for the project. If no communication has been initiated, explain when that contact will occur.

Response No. 73:

Project representatives have contacted the Breckinridge County Road Department to discuss construction and operation of the Project. Discussions focused on county permitting requirements. Road officials conveyed to Project representatives that county driveway permits will not be required for the Project. The EPC team will meet with county road officials in the first quarter of 2025 for pre-construction preparation.

Responding Witness: Jesse Eick

Request No. 74:

Provide the number of miles between the Clover Creek Solar project and the project in Case No. 2020-00387.

Response No. 74:

The projects are approximately 10 miles apart as measured from each site's closest point.

Responding Witness: Chad Martin

Request No. 75:

Provide any overlaps in the projected construction schedules of the projects in Breckinridge County.

Response No. 75:

Green River Solar's projected construction schedule is unknown, and thus Project representatives do not know whether the projected construction schedules overlap.

Responding Witness: Jesse Eick

Request No. 76:

Describe the cumulative effects on noise from the construction activities of the two projects, any steps to minimize these effects.

Response No. 76:

Cumulative effects on noise from construction activities from the two projects have not been reviewed. However, noise studies provided with the SAR indicate that construction noise would dissipate to a point below ambient day and nighttime levels within 1,000 feet of the project area. See SAR Attachment D. The Green River Solar project is over 10 miles away from Clover Creek and therefore, there would be no cumulative effects related to noise associated with the Clover Creek project in the event that construction schedules overlap.

Responding Witness: Chad Martin

Request No. 77:

Describe the potential for cumulative effects on traffic and roadways from construction activities of the two projects, and any steps planned to minimize these effects.

Response No. 77:

As discussed in the Response to Request No. 75, Green River Solar's construction schedule is unknown. However, because of the distance between the projects along with each project's relative location in Breckinridge County, it is unlikely that there would be any cumulative impact on traffic or roadways. Green River Solar's project site straddles Breckinridge and Meade Counties, near the city of Irvington; whereas Clover Creek Solar's site is located west of the city of Hardinsburg and is approximately 10 miles away from the Green River Solar site. Clover Creek Solar's traffic study analyzed US 60, KY 992, and KY 261 as road segments potentially to be utilized during construction. The study concluded that the Project would not result in significant adverse traffic impacts.

Responding Witness: Chad Martin

Request No. 78:

Describe the potential cumulative effects on property values and land uses from the construction and operation of the two projects.

Response No. 78:

Cumulative effects on property values and land uses were not specifically reviewed. However, as discussed above, because of the distance between the two projects and each site's relative location in Breckinridge County, it is highly unlikely that any one property would be impacted by both projects.

Responding Witness: Jesse Eick

Request No. 79:

Provide any communication with the Kentucky Transportation Cabinet District Engineer regarding permits or agreements necessary for the project. If no communication has been initiated, explain when that contact will occur.

Response No. 79:

Project representatives have been in contact with traffic and permitting officials at the Kentucky Transportation Cabinet and are coordinating with the same to obtain necessary encroachment permits for appropriate Project access points.

Responding Witness: Jesse Eick

Request No. 80:

Provide information on the specifications, model number, and cutsheets of the photovoltaic (PV) cell/solar panels to be used.

Response No. 80:

Please see the attached informational sheets from Canadian Solar and QCells.

Responding Witness: Jesse Eick

NEW

CanadianSolar

TOPBiHiKu7

N-type Bifacial TOPCon Technology

690 W ~ 720 W

CS7N-690|695|700|705|710|715|720TB-AG

MORE POWER

720 W — Module power up to 720 W
Module efficiency up to 23.2 %

EXTRA POWER — Up to 85% Power Bifaciality,
more power from the back side

Excellent anti-LeTID & anti-PID performance.
Low power degradation, high energy yield

Lower temperature coefficient (Pmax): -0.29%/°C,
increases energy yield in hot climate

Lower LCOE & system cost

MORE RELIABLE

Minimizes micro-crack impacts

*** — Heavy snow load up to 5400 Pa,
wind load up to 2400 Pa*

* For detailed information, please refer to the Installation Manual.

12 Years — **Enhanced Product Warranty on Materials and Workmanship***

30 Years — **Linear Power Performance Warranty***

1st year power degradation no more than 1%
Subsequent annual power degradation no more than 0.4%

*According to the applicable Canadian Solar Limited Warranty Statement.

MANAGEMENT SYSTEM CERTIFICATES*

ISO 9001: 2015 / Quality management system
ISO 14001: 2015 / Standards for environmental management system
ISO 45001: 2018 / International standards for occupational health & safety
IEC 62941: 2019 / Photovoltaic module manufacturing quality system

PRODUCT CERTIFICATES*

IEC 61215 / IEC 61730 / CE / INMETRO / MCS / UKCA / CGC
CEC listed (US California) / FSEC (US Florida)
UL 61730 / IEC 61701 / IEC 62716 / IEC 60068-2-68
UNI 9177 Reaction to Fire: Class 1 / Take-e-way

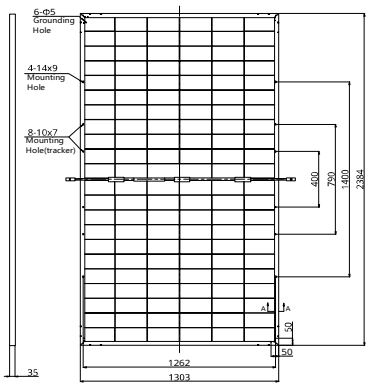
* The specific certificates applicable to different module types and markets will vary, and therefore not all of the certifications listed herein will simultaneously apply to the products you order or use. Please contact your local Canadian Solar sales representative to confirm the specific certificates available for your Product and applicable in the regions in which the products will be used.

CSI Solar Co., Ltd. is committed to providing high quality solar photovoltaic modules, solar energy and battery storage solutions to customers. The company was recognized as the No. 1 module supplier for quality and performance/price ratio in the IHS Module Customer Insight Survey. Over the past 22 years, it has successfully delivered over 110 GW of premium-quality solar modules across the world.

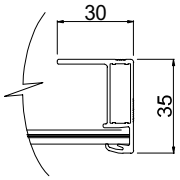
Canadian Solar (USA) Inc.
1350 Treat Blvd. Suite 500, Walnut Creek, CA 94597 | www.csisolar.com/na | support.ca@csisolar.com

ENGINEERING DRAWING (mm)

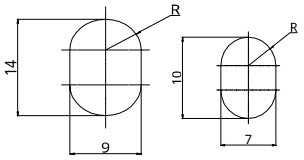
Rear View



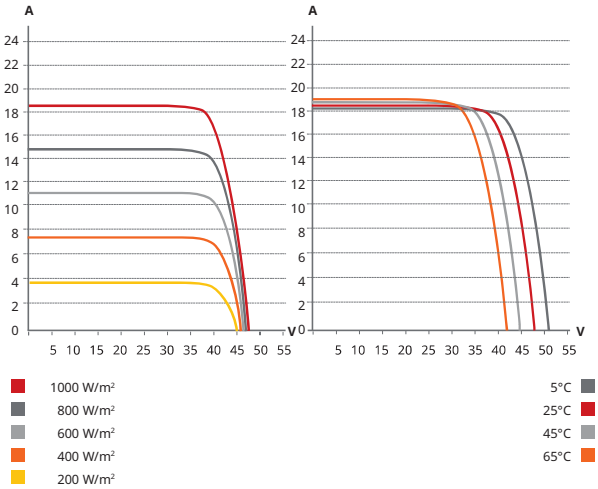
Frame Cross Section A-A



Mounting Hole



CS7N-695TB-AG / I-V CURVES



ELECTRICAL DATA | STC*

		Nominal Max. Power (Pmax)	Opt. Operating Voltage (Vmp)	Opt. Operating Current (Imp)	Open Circuit Voltage (Voc)	Short Circuit Current (Isc)	Module Efficiency
CS7N-690TB-AG		690 W	39.6 V	17.43 A	47.5 V	18.39 A	22.2%
Bifacial Gain**	5%	725 W	39.6 V	18.30 A	47.5 V	19.31 A	23.3%
	10%	759 W	39.6 V	19.17 A	47.5 V	20.23 A	24.4%
	20%	828 W	39.6 V	20.92 A	47.5 V	22.07 A	26.7%
CS7N-695TB-AG		695 W	39.8 V	17.47 A	47.7 V	18.44 A	22.4%
Bifacial Gain**	5%	730 W	39.8 V	18.34 A	47.7 V	19.36 A	23.5%
	10%	765 W	39.8 V	19.22 A	47.7 V	20.28 A	24.6%
	20%	834 W	39.8 V	20.96 A	47.7 V	22.13 A	26.8%
CS7N-700TB-AG		700 W	40.0 V	17.51 A	47.9 V	18.49 A	22.5%
Bifacial Gain**	5%	735 W	40.0 V	18.39 A	47.9 V	19.41 A	23.7%
	10%	770 W	40.0 V	19.26 A	47.9 V	20.34 A	24.8%
	20%	840 W	40.0 V	21.01 A	47.9 V	22.19 A	27.0%
CS7N-705TB-AG		705 W	40.2 V	17.55 A	48.1 V	18.54 A	22.7%
Bifacial Gain**	5%	740 W	40.2 V	18.43 A	48.1 V	19.47 A	23.8%
	10%	776 W	40.2 V	19.31 A	48.1 V	20.39 A	25.0%
	20%	846 W	40.2 V	21.06 A	48.1 V	22.25 A	27.2%
CS7N-710TB-AG		710 W	40.4 V	17.59 A	48.3 V	18.59 A	22.9%
Bifacial Gain**	5%	746 W	40.4 V	18.47 A	48.3 V	19.52 A	24.0%
	10%	781 W	40.4 V	19.35 A	48.3 V	20.45 A	25.1%
	20%	852 W	40.4 V	21.11 A	48.3 V	22.31 A	27.4%
CS7N-715TB-AG		715 W	40.6 V	17.63 A	48.5 V	18.64 A	23.0%
Bifacial Gain**	5%	751 W	40.6 V	18.51 A	48.5 V	19.57 A	24.2%
	10%	787 W	40.6 V	19.39 A	48.5 V	20.50 A	25.3%
	20%	858 W	40.6 V	21.16 A	48.5 V	22.37 A	27.6%
CS7N-720TB-AG		720 W	40.8 V	17.67 A	48.7 V	18.69 A	23.2%
Bifacial Gain**	5%	756 W	40.8 V	18.55 A	48.7 V	19.62 A	24.3%
	10%	792 W	40.8 V	19.44 A	48.7 V	20.56 A	25.5%
	20%	864 W	40.8 V	21.20 A	48.7 V	22.43 A	27.8%

* Under Standard Test Conditions (STC) of irradiance of 1000 W/m², spectrum AM 1.5 and cell temperature of 25°C.
** Bifacial Gain: The additional gain from the back side compared to the power of the front side at the standard test condition. It depends on mounting (structure, height, tilt angle etc.) and albedo of the ground.

ELECTRICAL DATA

Operating Temperature	-40°C ~ +85°C
Max. System Voltage	1500 V (IEC/UL) or 1000 V (IEC/UL)
Module Fire Performance	TYPE 29 (UL 61730) or CLASS C (IEC61730)
Max. Series Fuse Rating	35 A
Protection Class	Class II
Power Tolerance	0 ~ + 10 W
Power Bifaciality*	80 %

* Power Bifaciality = $Pmax_{rear}$ / $Pmax_{front}$, both $Pmax_{rear}$ and $Pmax_{front}$ are tested under STC, Bifaciality Tolerance: ± 5 %

* The specifications and key features contained in this datasheet may deviate slightly from our actual products due to the on-going innovation and product enhancement. CSI Solar Co., Ltd. reserves the right to make necessary adjustment to the information described herein at any time without further notice.
Please be kindly advised that PV modules should be handled and installed by qualified people who have professional skills and please carefully read the safety and installation instructions before using our PV modules.

ELECTRICAL DATA | NMOT*

	Nominal Max. Power (Pmax)	Opt. Operating Voltage (Vmp)	Opt. Operating Current (Imp)	Open Circuit Voltage (Voc)	Short Circuit Current (Isc)
CS7N-690TB-AG	522 W	37.4 V	13.94 A	45.0 V	14.83 A
CS7N-695TB-AG	526 W	37.6 V	13.97 A	45.2 V	14.87 A
CS7N-700TB-AG	529 W	37.8 V	14.00 A	45.4 V	14.91 A
CS7N-705TB-AG	533 W	38.0 V	14.03 A	45.5 V	14.95 A
CS7N-710TB-AG	537 W	38.2 V	14.06 A	45.7 V	14.99 A
CS7N-715TB-AG	541 W	38.4 V	14.09 A	45.9 V	15.03 A
CS7N-720TB-AG	544 W	38.6 V	14.12 A	46.1 V	15.07 A

* Under Nominal Module Operating Temperature (NMOT), irradiance of 800 W/m², spectrum AM 1.5, ambient temperature 20°C, wind speed 1 m/s.

MECHANICAL DATA

Specification	Data
Cell Type	TOPCon cells
Cell Arrangement	132 [2 x (11 x 6)]
Dimensions	2384 × 1303 × 35 mm (93.9 × 51.3 × 1.38 in)
Weight	37.9 kg (83.6 lbs)
Front Glass	2.0 mm heat strengthened glass with anti-reflective coating
Back Glass	2.0 mm heat strengthened glass
Frame	Anodized aluminium alloy
J-Box	IP68, 3 bypass diodes
Cable	6.0 mm² (IEC), 10 AWG (UL)
Cable Length (Including Connector)	360 mm (14.2 in) (+) / 200 mm (7.9 in) (-) or 2000 mm (78.7 in) (+) / 1400 mm (55.1 in) (-)
Connector	T6 or MC4 series
Per Pallet	31 pieces
Per Container (40' HQ)	558 pieces or 496 pieces (only for US & Canada)

TEMPERATURE CHARACTERISTICS

Specification	Data
Temperature Coefficient (Pmax)	-0.29 % / °C
Temperature Coefficient (Voc)	-0.25 % / °C
Temperature Coefficient (Isc)	0.05 % / °C
Nominal Module Operating Temperature	41 ± 3°C

PARTNER SECTION

Q.PEAK DUO ML-G12S SERIES

675 - 695 Wp | 132 Cells
22.4 % Maximum Module Efficiency

MODEL Q.PEAK DUO ML-G12S.3 / BFG
Q.PEAK DUO ML-G12S.d / BFG

Highest Power Class Module

With the new G12, Qcells heralds the next generation of solar modules' enabling more power generation than ever before.

Bifacial energy yield gain of up to 21%

Bifacial Q.ANTUM solar cells make efficient use of light shining on the module rear-side for radically improved LCOE.

Low electricity generation costs

Q.ANTUM DUO technology with optimized module layout to boost module power and improve LCOE.

A reliable investment

Double glass module design enables extended lifetime with 12-year product warranty and improved 30-year performance warranty[1].

Enduring high performance

Long-term yield security with Anti LID and Anti PID Technology[2], Hot-Spot Protect.

Frame for versatile mounting options

High-tech aluminum alloy frame protects from damage, enables use of a wide range of mounting structures and is certified regarding IEC for high snow (5400 Pa) and wind loads (2400 Pa)[3].

Innovative all-weather technology

Optimal yields, whatever the weather with excellent low-light and temperature behavior.

[1] See data sheet on rear for further information.
[2] APT test conditions according to IEC / TS 62804-1:2015 method B (−1500 V, 168 h) including post treatment according to IEC 61215-1-1 Ed. 2.0 (CD)
[3] See Installation Manual for instructions

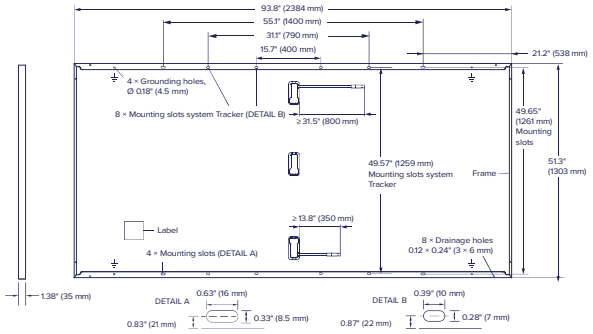
The ideal solution for:

Ground-mounted solar power plants

Q.PEAK DUO ML-G12S SERIES

Mechanical Specification

Format	93.8 in × 51.3 in × 1.38 in (including frame) (2384 mm × 1303 mm × 35 mm)
Weight	84.2 lbs (38.2 kg)
Front Cover	0.08 in (2.0 mm) thermally pre-stressed glass with anti-reflection technology
Back Cover	0.08 in (2.0 mm) semi-tempered glass
Frame	Anodised aluminium
Cell	6 × 22 monocrystalline Q.ANTUM solar half cells
Junction box	2.09-3.98 × 1.26-2.36 × 0.59-0.71 in (53-101 mm × 32-60 mm × 15-18 mm), Protection class IP67, with bypass diodes
Cable	4 mm² Solar cable; (+) ≥ 31.5 in (800 mm), (−) ≥ 13.8 in (350 mm)
Connector	Stäubli MC4; Stäubli MC4-Evo2; - IP68



Electrical Characteristics

POWER CLASS				675		680		685		690		695	
MINIMUM PERFORMANCE AT STANDARD TEST CONDITIONS, STC¹ (POWER TOLERANCE +5 W / −0 W)					BSTC*		BSTC*		BSTC*		BSTC*		BSTC*
Minimum	Power at MPP¹	P_{MPP}	[W]	675	738.4	680	743.8	685	749.3	690	754.8	695	760.2
	Short Circuit Current¹	I_{SC}	[A]	18.45	20.20	18.48	20.23	18.51	20.26	18.54	20.30	18.58	20.33
	Open Circuit Voltage¹	V_{OC}	[V]	45.74	45.90	45.76	45.92	45.78	45.94	45.80	45.97	45.82	45.99
	Current at MPP	I_{MPP}	[A]	17.56	19.22	17.62	19.28	17.68	19.34	17.74	19.40	17.79	19.47
	Voltage at MPP	V_{MPP}	[V]	38.43	38.42	38.59	38.58	38.75	38.74	38.90	38.90	39.06	39.05
	Efficiency¹	η	[%]	≥ 21.7		≥ 21.9		≥ 22.1		≥ 22.2		≥ 22.4	

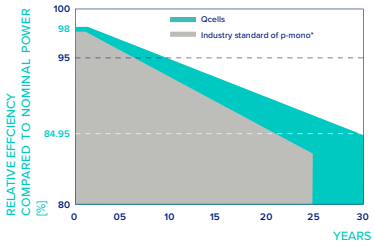
Bifaciality of P_{MPP} and I_{SC} 70 % ± 5 % • Bifaciality given for rear side irradiation on top of STC (front side) • According to IEC 60904-1-2

¹Measurement tolerances P_{MPP} ±3 %; I_{SC}, V_{OC} ±5 % at STC: 1000 W/m²; *at BSTC: 1000 W/m² + φ × 135 W/m², φ = 70 %, 25 ± 2 °C, AM 1.5 according to IEC 60904-3

MINIMUM PERFORMANCE AT NORMAL OPERATING CONDITIONS, NMOT²									
Minimum	Power at MPP	P_{MPP}	[W]	508.2		512.0	515.7	519.5	523.3
	Short Circuit Current	I_{SC}	[A]	14.86		14.89	14.91	14.94	14.96
	Open Circuit Voltage	V_{OC}	[V]	43.26		43.28	43.30	43.32	43.34
	Current at MPP	I_{MPP}	[A]	13.83		13.88	13.93	13.98	14.03
	Voltage at MPP	V_{MPP}	[V]	36.75		36.89	37.03	37.16	37.29

¹Measurement tolerances P_{MPP} ±3 %; I_{SC}; V_{OC} ±5 % at STC: 1000 W/m², 25 ± 2 °C, AM 1.5 according to IEC 60904-3 • ²800 W/m², NMOT, spectrum AM 1.5

Qcells PERFORMANCE WARRANTY

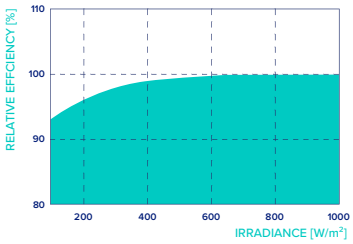


At least 98 % of nominal power during first year. Thereafter max. 0.45 % degradation per year. At least 93.95 % of nominal power up to 10 years. At least 84.95 % of nominal power up to 30 years.

All data within measurement tolerances. Full warranties in accordance with the warranty terms of the Qcells sales organisation of your respective country.

*Standard terms of guarantee for the 5 PV companies with the highest production capacity in 2021 (February 2021)

PERFORMANCE AT LOW IRRADIANCE



Typical module performance under low irradiance conditions in comparison to STC conditions (25 °C, 1000 W/m²).

TEMPERATURE COEFFICIENTS

Temperature Coefficient of I_{SC}	α	[%/K]	+0.04	Temperature Coefficient of V_{OC}	β	[%/K]	−0.27
Temperature Coefficient of P_{MPP}	γ	[%/K]	−0.34	Nominal Module Operating Temperature	NMOT	[°F]	108 ± 5.4 (42 ± 3 °C)

Properties for System Design

Maximum System Voltage	V_{SYS}	[V]	1500	PV module classification	Class II
Maximum Series Fuse Rating		[A DC]	35	Fire Rating based on ANSI / UL 61730	TYPE 29[4]
Max. Push Load[3], Test / Design		[lbs / ft²]	113 (5400 Pa) / 75 (3600 Pa)	Permitted Module Temperature on Continuous Duty	−40 °F up to +185 °F (−40 °C up to +85 °C)
Max. Pull Load[3], Test / Design		[lbs / ft²]	50 (2400 Pa) / 33 (1600 Pa)		

[3] See Installation Manual for instructions

[4] New Type is similar to Type 3 but with metallic frame

Qualifications and Certificates

UL 61730, CE-compliant,
IEC 61215:2016,
IEC 61730:2016,
U.S. Patent No. 9,893,215
(solar cells)

Qcells pursues minimizing paper output in consideration of the global environment.

Note: Installation instructions must be followed. Contact our technical service for further information on approved installation of this product.

Hanwha Q CELLS America Inc. 400 Spectrum Center Drive, Suite 1400, Irvine, CA 92618, USA | TEL +1 949 748 59 96 | EMAIL hqc-inquiry@qcells.com | WEB www.qcells.com

Request No. 81:

Confirm whether the project will have a battery storage system. If a battery storage system is going to be utilized, provide the following:

a. Safety data sheets for the energy storage system.

b. The environmental impact of the batter[y] storage system.

c. Expected life of the batteries.

d. Method to dispose of batteries at the end of the useful life.

e. How the battery storage system installation will comply with National Fire Protection Association Standard 855.

Response No. 81:

a. The Project will not include a battery storage system.

b. See Response No. 81(a).

c. See Response No. 81(a).

d. See Response No. 81(a).

e. See Response No. 81(a).

Responding Witness: Jesse Eick

Request No. 82:

Provide information on any fiber optic or communication network installed as a part of the project and any excavation that may be required for the installation.

Response No. 82:

Communication networks will be installed throughout Project site and to the substation to establish plant monitoring and communications. Communication lines will be trenched in tandem with the Project's medium voltage cabling to minimize trenching activities and to keep communication and electric cabling parallel in the same trench.

Responding Witness: Jesse Eick

Request No. 83:

Provide the planned time for construction to begin and end each day. Explain how Clover Creek Solar plans to mitigate arrivals and departures to minimize disruption to the area.

Response No. 83:

See Response Nos. 8 and 59.

Responding Witness: Jesse Eick

Request No. 84:

Provide any communication representatives of Clover Creek Solar have had with any of the property owners surrounding the project. Explain whether any changes have been made to the project based upon those concerns.

Response No. 84:

Project representatives have communicated with multiple adjoining property owners regarding the Project, mainly conducted in-person or via phone. Responsive neighbors expressed concern over panel placement. Project representatives addressed neighbors' concerns by providing information regarding the Project's setbacks and vegetative screening plans. In certain portions of the project, based on neighbor feedback, setbacks were enlarged and additional vegetative screening was added. See also the Response to Request No. 50.

Responding Witness: Jesse Eick