## Request No. 1:

Submit a copy of the leases or purchase agreements, including options, separate agreements, or deeds that Frontier 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:

Due to file size limits, please find the FRON bn, LLC ("Frontier Solar" or "Project")'s redacted lease, purchase, and easement agreements attached as separate documents.

Responding Witness: Lee Cissna

## Request No. 2:

Detail any contracts by which Frontier 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:

Frontier Solar has not entered or negotiated any such contracts with non-participating landowners at this time.

Responding Witness: Joseph Albrecht

## Request No. 3:

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. 3:

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 longlead equipment, procurement items, and coordinating with contractors. Peak construction is anticipated to occur between Q3 2025 and Q4 2026. The schedule will be finalized after the selection of the Engineering, Procurement, and Construction (EPC) contractor.

Milestone	Timeframe (est.)
State Siting Board Construction Certificate	Q2 2024
Selection of EPC Contractor	Q2 2024
State Permitting: Floodplain, Stormwater, and Other Environmental Permits	Q2 2024
Federal Permitting: USACE Jurisdictional Determination	Q3 2024

## Responding Witness: Joseph Albrecht

## Request No. 4:

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

Response No. 4:

Construction activities will occur Monday through Friday between 8am and 8pm, unless extraordinary circumstances necessitate working weekends. Operation and maintenance activities will occur Monday through Sunday from dawn until dusk.

## Request No. 5:

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. Operations and maintenance (O&M) area.
- d. Each laydown area.

### Response No. 5:

a. Frontier Solar will utilize six entrances for project construction and operations. The first entrance gate is in Washington County and provides access to an existing private lane.
The proposed gate is approximately 0.62 miles east of the lane's intersection with Moraja Lane. Moraja Lane and Old Lebanon Road provide access from the private lane to KY 55, approximately 1.1 miles to the east of the project.

The second entrance gate in Washington County provides access to an existing private lane. The proposed gate is approximately 0.7 miles east of the lane's intersection with Moraja Lane. Moraja Lane and Old Lebanon Road provide access from the private lane to KY 55, approximately 1.2 miles to the east of the project.

The third entrance gate in Washington County is proposed within a field approximately 715 feet northeast of the intersection of Jackson Branch Spur and Moraja Lane. An access road would need to be built outside the perimeter fence and could connect to an existing private driveway to access Moraja Lane or cross the private driveway and connect with Moraja Lane directly.

The fourth entrance gate in Washington County is proposed within a field approximately 75 feet west of Jackson Branch Lane. The access road would need to continue outside the

## FRON bn, LLC (Frontier Solar) Responses to Siting Board Staff's First Request for Information Case No. 2023-00360 perimeter fence across the field to intersect Jackson Branch Lane. Jackson Branch Lane and other local roads provide access to KY 55, approximately 1.6 miles to the east of the project.

The fifth entrance gate is in Marion County, within a field near two existing private lanes. An access road would need to be constructed outside the perimeter fence and is most likely to connect with one of the private lanes, which both intersect KY 55 about 0.5 miles to the east of Gate 5.

The sixth entrance, also in Marion County, will provide access to the substation as well as a portion of the solar energy facility. Gate 6 is proposed within a field and will require a continuation of the access lane across other properties, possibly using existing private lanes, to connect to KY 55, approximately 0.7 miles to the east of the gate.

b. Please see the Response to Request No. 5(a).

c. One operations and maintenance (O&M) facility and substation are proposed to be constructed in the southern extent of the project. These features will be accessible using an access road associated with Gate 6.

d. Laydown areas will be at the project substation location and MV collection yard. If necessary, additional locations will be added in areas located within the project area.

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## Request No. 6:

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

- 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. 6:

Please see the attached list of all residential structures located within 2,000 feet of the Project boundary line, including distances to the boundary line, closest solar panel, nearest inverter, and substation.

Structure Type	Distance to Boundary (ft)	Distance to Closest Panel (ft)	Distance to Closest Inverter (ft)	Distance to Substation Area (ft)	LONGITUDE	LATITUDE
Residence	0 - Within Project Boundary	394	744	12,241	-85.26099007	37.65177753
Residence	0 - Within Project Boundary	396	854	13,033	-85.28022429	37.65378492
Residence	0 - Within Project Boundary	517	1,181	13,106	-85.26981127	37.65481255
Residence	0 - Within Project Boundary	802	1,229	14,197	-85.25007820	37.65470181
Residence	0 - Within Project Boundary	1,203	1,695	11,283	-85.26130323	37.64914588
Residence	38	327	1,090	14,262	-85.27716124	37.65763965
Residence	63	1,490	2,245	10,471	-85.26001926	37.64661572
Residence	77	483	821	12,857	-85.26731069	37.65407960
Residence	88	338	1,287	11,558	-85.28259835	37.64909126
Residence	90	334	716	13,005	-85.27937120	37.65384742
Residence	100	383	1,264	10,325	-85.28197954	37.64568768
Residence	109	273	1,380	10,966	-85.28234079	37.64744935
Residence	111	358	902	12,731	-85.26736604	37.65373579
Residence	112	408	1,517	10,539	-85.28266731	37.64612236
Residence	123	331	1,313	11,369	-85.28260268	37.64854361
Residence	149	305	1,106	12,473	-85.28191905	37.65186800
Residence	169	283	919	14,488	-85.27495478	37.65845931
Residence	177	5,532	5,852	5,196	-85.25351991	37.61083758
Residence	180	691	1,442	14,041	-85.27885145	37.65681941
Residence	184	490	759	9,259	-85.26994081	37.64424754
Residence	186	403	1,654	10,728	-85.28280865	37.64663119
Residence	197	766	1,193	1,623	-85.26604624	37.62248033
Residence	201	759	799	14,184	-85.27199727	37.65776240
Residence	210	354	910	14,457	-85.25652897	37.65720525
Residence	261	703	1,394	13,724	-85.27930386	37.65587036
Residence	267	7,119	7,507	6,741	-85.25103260	37.60618281
Residence	369	980	1,718	14,492	-85.27937253	37.65800301
Residence	437	620	672	14,083	-85.25295452	37.65525526
Residence	459	632	1,343	11,120	-85.26756875	37.64931352
Residence	461	594	995	9,230	-85.27134150	37.64416525
Residence	465	614	1,262	11,065	-85.26807616	37.64917710
Residence	528	1,011	1,047	14,429	-85.25194310	37.65597588
Residence	555	5,756	6,036	5,441	-85.25214391	37.61151581
Residence	627	751	1,238	14,779	-85.25805065	37.65840800
Residence	665	967	1,953	10,618	-85.28457532	37.64577396
Residence	665	784	1,286	14,859	-85.25725400	37.65848790
Residence	667	4,541	4,874	4,200	-85.25657586	37.61209104
Residence	668	917	1,339	9,919	-85.28288271	37.64424400
Residence	679	977	1,690	3,698	-85.28236207	37.62271077
Residence	680	1,740	1,901	15,079	-85.26979130	37.66023347
Residence	736	957	1,347	9,002	-85.28276001	37.64156682

Residence	756	1,651	2,073	15,098	-85.26892147	37.66027208
Residence	787	1,390	2,099	14,542	-85.28082544	37.65792121
Residence	820	1,119	1,525	9,907	-85.28354851	37.64399715
Residence	824	957	1,507	14,895	-85.25965751	37.65899728
Residence	826	950	1,327	9,636	-85.28286884	37.64341180
Residence	829	5,723	6,154	5,335	-85.25568396	37.60779371
Residence	849	1,600	2,077	15,178	-85.26818876	37.66047963
Residence	874	1,567	2,049	15,198	-85.26785030	37.66052839
Residence	911	1,535	2,021	15,219	-85.26747792	37.66057551
Residence	1056	1,162	1,312	14,978	-85.25345084	37.65798286
Residence	1086	1,364	1,921	8,491	-85.28442477	37.63937386
Residence	1094	1,230	1,774	15,339	-85.25592595	37.65958451
Residence	1096	1,523	2,012	15,320	-85.26642292	37.66081760
Residence	1129	1,447	2,123	7,751	-85.28379622	37.63732884
Residence	1171	1,796	2,562	15,064	-85.28187870	37.65920716
Residence	1226	1,394	1,854	8,931	-85.28451572	37.64069972
Residence	1272	1,574	2,315	3,883	-85.28360640	37.62130773
Residence	1292	1,420	1,951	15,526	-85.25620728	37.66016925
Residence	1321	9,372	9,796	8,987	-85.24655014	37.60087825
Residence	1330	1,595	2,117	8,699	-85.28523682	37.63967310
Residence	1342	9,448	9,888	9,068	-85.24677623	37.60036985
Residence	1345	1,663	2,337	7,764	-85.28446634	37.63705634
Residence	1352	5,398	5,601	5,132	-85.25218328	37.61388571
Residence	1371	1,509	2,107	15,402	-85.26046258	37.66052501
Residence	1381	1,526	2,105	15,386	-85.26128787	37.66058586
Residence	1387	1,528	2,147	15,400	-85.26097909	37.66058575
Residence	1418	1,522	1,875	12,604	-85.24580586	37.64798928
Residence	1447	2,040	2,697	14,867	-85.28306970	37.65842684
Residence	1460	1,778	2,256	15,623	-85.26553914	37.66160995
Residence	1483	2,128	2,697	16,283	-85.27386791	37.66346751
Residence	1524	1,647	1,782	10,994	-85.24864686	37.64418440
Residence	1536	2,156	2,936	15,370	-85.28289613	37.65988135
Residence	1539	1,678	2,283	15,562	-85.26061776	37.66099258
Residence	1580	1,722	2,247	13,245	-85.24402162	37.64916626
Residence	1622	2,143	2,893	2,986	-85.25972626	37.62202299
Residence	1622	1,747	1,896	10,926	-85.24849689	37.64388455
Residence	1624	1,731	2,228	15,618	-85.26284154	37.66139662
Residence	1629	9,656	10,184	9,301	-85.24878969	37.59801976
Residence	1655	2,501	2,944	6,933	-85.25501967	37.63413727
Residence	1693	1,807	1,854	11,925	-85.24641981	37.64608267
Residence	1808	8,633	8,971	8,278	-85.24530313	37.60528968
Residence	1830	5,805	6,566	5,552	-85.26275496	37.60336913

Residence	1863	1,984	2,473	16,017	-85.25745486	37.66178612
Residence	1912	5,894	6,653	5,639	-85.26257095	37.60316730
Residence	1927	2,053	2,580	9,254	-85.25399434	37.64115257
Residence	1935	10,078	10,558	9,709	-85.24639647	37.59820220
Residence	1964	10,101	10,553	9,724	-85.24551273	37.59882205
Residence	1965	2,195	2,664	9,234	-85.28729196	37.64041489
Residence	1966	5,948	6,707	5,694	-85.26251714	37.60302297
Residence	1972	2,439	3,057	5,744	-85.25623440	37.63073385
Residence	1973	2,236	2,733	9,080	-85.28744713	37.63983998
Residence	1974	5,918	6,694	5,674	-85.26311175	37.60291485
Residence	1981	10,124	10,604	9,754	-85.24628981	37.59810999
Residence	1990	10,136	10,609	9,765	-85.24604388	37.59825480
Residence	1996	2,204	2,665	9,320	-85.28731731	37.64068031

## Request No. 7:

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

- 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. 7:

Please see the attached list of all non-residential structures located within 2,000 feet of the Project boundary line, including description of the structure and distances to the boundary line, closest solar panel, nearest inverter, and substation.

Structure Type	Distance to Boundary (ft)	Distance to Closest Panel (ft)	Distance to Closest Inverter (ft)	Distance to Substation Area (ft)	LONGITUDE	LATITUDE
Out Building	0 - Within Project Boundary	244	1,042	12,614	-85.26834205	37.65343899
Agricultural Building	0 - Within Project Boundary	249	189	12,689	-85.25231038	37.65095470
Out Building	0 - Within Project Boundary	307	1,150	13,584	-85.27794055	37.65566714
Agricultural Building	0 - Within Project Boundary	317	495	12,513	-85.26081538	37.65251198
Out Building	0 - Within Project Boundary	323	656	9,257	-85.26922067	37.64423041
Agricultural Building	0 - Within Project Boundary	324	774	12,774	-85.27101686	37.65390381
Agricultural Building	0 - Within Project Boundary	341	754	12,732	-85.25827139	37.65266969
Agricultural Building	0 - Within Project Boundary	346	861	12,852	-85.27079904	37.65412005
Out Building	0 - Within Project Boundary	362	1,139	13,466	-85.27832976	37.65528857
Out Building	0 - Within Project Boundary	374	838	12,936	-85.28048115	37.65346534
Out Building	0 - Within Project Boundary	374	710	5,628	-85.26728890	37.63418291
Agricultural Building	0 - Within Project Boundary	395	813	12,155	-85.26120823	37.65157343
Out Building	0 - Within Project Boundary	400	1,242	13,638	-85.27826028	37.65577753
Agricultural Building	0 - Within Project Boundary	401	884	12,858	-85.27052055	37.65413726
Agricultural Building	0 - Within Project Boundary	405	777	12,747	-85.27051396	37.65383108
Agricultural Building	0 - Within Project Boundary	407	1,039	12,997	-85.27024808	37.65451909
Out Building	0 - Within Project Boundary	413	878	12,985	-85.28053587	37.65359300
Agricultural Building	0 - Within Project Boundary	500	1,252	14,316	-85.27775016	37.65772434
Agricultural Building	0 - Within Project Boundary	542	892	12,124	-85.26070344	37.65140558
Agricultural Building	0 - Within Project Boundary	552	1,195	13,244	-85.26968222	37.65518918
Agricultural Building	0 - Within Project Boundary	565	1,335	14,413	-85.27789470	37.65797670
Agricultural Building	0 - Within Project Boundary	598	1,363	14,419	-85.27800834	37.65797958
Agricultural Building	0 - Within Project Boundary	1,028	1,539	11,415	-85.26172152	37.64958124
Agricultural Building	0 - Within Project Boundary	1,135	1,642	11,319	-85.26160463	37.64929450
Out Building	0 - Within Project Boundary	1,388	2,166	10,404	-85.25963932	37.64634410
Agricultural Building	37	418	1,170	14,277	-85.27747954	37.65764704
Agricultural Building	39	290	611	8,557	-85.27054411	37.64232496
Out Building	42	359	1,212	1,844	-85.26737975	37.62365135
Out Building	44	260	636	12,925	-85.27926647	37.65364093
Out Building	46	636	779	14,056	-85.27165710	37.65741840
Agricultural Building	61	232	668	8,454	-85.27072370	37.64204066
Out Building	73	395	862	12,849	-85.28079083	37.65316374
Out Building	91	413	1,206	1,803	-85.26704491	37.62344292
Out Building	103	276	670	12,984	-85.27905295	37.65383841
Out Building	118	5,458	5,785	5,117	-85.25388053	37.61076662
Agricultural Building	124	272	595	8,750	-85.28013260	37.64161726
Out Building	132	831	1,171	1,577	-85.26600733	37.62230342
Agricultural Building	137	354	679	8,786	-85.28042167	37.64164359
Agricultural Building	165	383	733	8,593	-85.27096293	37.64242155
Agricultural Building	182	344	880	8,628	-85.27146902	37.64250838
Agricultural Building	185	462	787	8,839	-85.28079085	37.64169701
Out Building	189	353	1,465	10,965	-85.28261959	37.64737104
Out Building	196	519	1,150	3,623	-85.28129730	37.62393811
Out Building	197	349	1,439	11,039	-85.28265081	37.64757659
Out Building	203	310	906	14,493	-85.27460103	37.65849710

Out Building	208	466	1,409	11,625	-85.28302617	37.64917312
Out Building	214	657	1,476	13,852	-85.27905629	37.65626201
Agricultural Building	236	391	833	8,548	-85.27131177	37.64229127
Out Building	238	398	1,457	11,142	-85.28285170	37.64782183
Out Building	239	487	618	13,732	-85.25302253	37.65425157
Out Building	246	567	1,196	3,650	-85.28144993	37.62387565
Out Building	252	608	849	14,394	-85.27296702	37.65830926
Out Building	263	6,931	7,311	6,559	-85.25122689	37.60679949
Out Building	269	597	1,210	3,682	-85.28155985	37.62390384
Agricultural Building	270	591	1,422	14,747	-85.27722999	37.65897766
Out Building	277	714	1,446	13,777	-85.27932437	37.65601338
Agricultural Building	287	665	1,498	14,756	-85.27763802	37.65895706
Agricultural Building	294	597	1,174	4,953	-85.26571108	37.63211676
Agricultural Building	320	580	925	8,868	-85.28128418	37.64163935
Agricultural Building	356	682	1,512	14,823	-85.27743123	37.65916764
Out Building	369	880	939	14,255	-85.25209171	37.65551014
Out Building	372	1,385	1,766	14,716	-85.26911659	37.65922590
Out Building	387	819	1,438	13,756	-85.27974261	37.65589109
Agricultural Building	390	6,872	7,237	6,507	-85.25093646	37.60735215
Out Building	408	1,017	1,751	14,490	-85.27951008	37.65797753
Agricultural Building	427	4,656	5,012	4,302	-85.25666724	37.61142160
Out Building	428	865	1,522	13,838	-85.27983258	37.65610880
Agricultural Building	434	4,767	5,112	4,420	-85.25614427	37.61148161
Agricultural Building	435	7,208	7,586	6,835	-85.25047856	37.60632789
Out Building	442	563	1,197	11,057	-85.26840643	37.64916196
Out Building	446	1,063	1,803	14,547	-85.27962954	37.65812060
Agricultural Building	448	7,126	7,500	6,756	-85.25052461	37.60663841
Agricultural Building	459	712	1,080	8,941	-85.28181472	37.64169179
Agricultural Building	472	5,349	5,766	4,960	-85.25635304	37.60874437
Agricultural Building	511	4,561	4,914	4,209	-85.25687967	37.61163565
Out Building	512	831	1,443	3,818	-85.28230474	37.62359359
Out Building	531	757	1,249	9,989	-85.28250077	37.64456247
Out Building	534	1,062	1,804	14,263	-85.28000807	37.65726931
Agricultural Building	540	7,084	7,447	6,719	-85.25031474	37.60704270
Out Building	550	869	1,425	10,079	-85.28310072	37.64464821
Power Utility	561	7,713	8,104	7,332	-85.24963289	37.60497594
Agricultural Building	600	781	1,182	8,876	-85.28219801	37.64137726
Agricultural Building	608	4,489	4,836	4,142	-85.25694932	37.61189882
Agricultural Building	624	7,328	7,696	6,960	-85.24983859	37.60643660
Out Building	647	952	1,589	3,847	-85.28261593	37.62327045
Out Building	683	924	1,304	9,017	-85.28260028	37.64166239
Out Building	707	839	1,227	9,522	-85.28250103	37.64319035
Out Building	715	1,246	1,991	14,361	-85.28061512	37.65744743
Out Building	730	4,474	4,805	4,136	-85.25671882	37.61225345
Agricultural Building	744	5,545	5,986	5,160	-85.25627183	37.60800008
Agricultural Building	749	5,319	5,802	4,944	-85.25745269	37.60789289

Out Building         771         1.072         1.686         8.205         98.2833278         37.63898330           Out Building         773         1.100         1.664         30.283         98.2633278         37.63898330           Out Building         778         1.594         2.066         15.124         98.2034295         37.600338           Agricultural Building         795         5.623         6.062         5.327         98.25309173         37.6004290           Agricultural Building         861         1.464         2.097         14.463         68.22601200         37.612600           Out Building         851         1.464         2.097         14.463         68.22601200         37.602705           Agricultural Building         851         1.265         6.271         7.151         68.2309120         37.6026234           Agricultural Building         968         1.400         1.893         15.377         98.2797884         37.6026234           Agricultural Building         968         1.400         1.893         15.377         98.2797884         37.6932401           Agricultural Building         1.621         1.301         1.865         8.447         98.2464922         37.6932305           Out Build	Out Building	756	1,050	1,727	3,822	-85.28275374	37.62284676
Out Building         773         1.109         1.664         10.283         -8.2.0391/a         37.6770302           Out Building         784         1.081         1.886         15.212         -88.2078178         37.66002383           Agricultural Building         795         5.523         6.062         5.237         -88.25773330         37.65027893           Agricultural Building         801         4.194         4.522         3.847         -88.25773330         37.61228607           Out Building         801         4.194         4.522         3.847         -88.2566790         37.6128670           Out Building         814         4.438         4.738         4.103         -88.2566710         37.65128670           Out Building         964         1.025         1.113         11.211         -88.25607319         37.6545328           Agricultural Ruiding         966         1.140         1.893         15.377         -88.27775844         37.6651324           Agricultural Ruiding         966         1.140         1.893         15.377         -88.27075844         37.6651324           Agricultural Ruiding         966         1.140         1.893         16.365         16.414         -85.26640813         37.6853369	Out Building	771	1,072	1,686	8,205	-85.28332578	37.63894330
Out building         789         1,584         2,066         15,124         -88.2844095         37.603383           Apricultural building         795         5,623         6,062         5,237         -88.2564979         37.6078795           Apricultural building         801         4,194         4,542         3.847         -88.256930         37.652500           Out Building         807         1.364         2,097         14.463         -88.256970         37.6526500         37.6526500         37.6526500         37.65276851           Apricultural Building         904         1.025         1.113         11.231         48.2526970         37.652288           Apricultural Building         904         1.025         1.113         11.231         48.252897041         37.652288           Apricultural Building         904         1.515         5.714         4.807         48.252897041         37.6592041           Out Building         918         1.407         1.792         8.342         48.252897041         37.65923041           Out Building         1.065         1.288         2.288         11.710         48.2269737         37.65932061           Out Building         1.067         1.288         2.284         13.76932061         <	Out Building	773	1,109	1,664	10,283	-85.26939176	37.64705052
Agricultural Building         794         1,081         1,886         15,772         48,7275119         37 66004293           Agricultural Building         801         4,194         6,542         5,237         48,5260497         37 66078755           Agricultural Building         801         4,194         6,542         3,847         48,52778300         37 65278550           Agricultural Building         807         1,364         2,097         14,463         48,5209701         37 65786310           Power Utility         839         7,852         8,271         7,518         48,7407101         37 66058021           Out building         904         1,025         1,113         11,231         45,5200713         37 66058238           Agricultural Building         906         1,140         1,803         15,577         48,5207014         37,6073441           Out building         908         1,609         1,556         12,915         63,247         45,32469322         37,6933056           Out building         1,021         1,361         1,865         8,447         45,32469322         37,6933056           Out building         1,021         1,560         1,215         65,524093         37,69333056           Out buil	Out Building	789	1,594	2,066	15,124	-85.26843695	37.66033383
Apricultural Building         P75         5,623         6,002         5,237         48,5209497         97,6075795           Apricultural Building         807         1,344         2,097         14,463         48,5209120         97,6578510           Apricultural Building         814         44,436         4,758         41,033         45,5266370         97,6578510           Power Utility         822         7,852         8,271         7,518         45,2487106         97,6578510           Out Building         904         1,125         1,113         11,214         48,52097319         37,655508211           Out Building         904         5,159         5,714         4,807         45,52897041         37,669774441           Apricutural Building         906         1,140         1.893         15,377         45,2767384         37,669724441           Out Building         1,021         1,010         1.855         12,915         45,2464922         37,66932401           Out Building         1,021         1,201         1.865         8,447         45,28420373         37,643329306           Out Building         1,021         1,201         1,865         8,472         35,6637446         37,66372607757           Out Build	Agricultural Building	794	1,081	1,886	15,272	-85.27751519	37.66040290
Agriculturi Building         801         4,194         4,542         3,847         85.279330         27,6123500           Out Building         814         4,436         4,758         4,103         85.266870         37,6578510           Power Utility         839         7,892         8,271         7,518         85.2487106         37,655850           Out Building         904         1,025         1,113         11,231         85,2389701         37,6456258           Agricutural Building         906         1,140         1,893         15,377         85,273984         37,6607344           Agricutural Building         906         1,140         1,893         15,377         85,24790384         37,6607344           Out Building         906         1,140         1,893         15,377         85,24793739         37,6433201           Out Building         1,021         1,301         1,865         8,474         85,2400373         37,6433205           Out Building         1,005         1,228         2,258         11,710         85,2480373         37,6433205           Out Building         1,167         1,299         1,412         15,509         85,2480737         37,6432325           Out Building         1,142 <td>Agricultural Building</td> <td>795</td> <td>5,623</td> <td>6,062</td> <td>5,237</td> <td>-85.25604979</td> <td>37.60787595</td>	Agricultural Building	795	5,623	6,062	5,237	-85.25604979	37.60787595
Out Building         807         1.364         2.097         14.463         85.2801260         27.65278510           Apricultural Building         814         4.436         4.758         4.103         85.24801260         27.65278510           Power Uklity         829         7.892         8.271         7.518         85.24871016         37.6565238           Apricultural Building         904         5.159         5.714         4.407         +85.2897011         37.665238           Apricultural Building         906         1.140         1.893         15.577         +85.2475364         37.6697044           Out Building         966         1.069         1.556         12.915         +85.24689522         37.64392061           Out Building         1.021         1.301         1.865         8.447         +85.24809123         37.64392061           Out Building         1.077         1.460         1.969         15.225         +85.3680733         37.65392512           Out Building         1.077         1.460         1.969         15.226         45.35809133         37.65392621         37.65393205           Out Building         1.141         1.257         1.421         1.509         55.580733         37.65393205         0.01 Bui	Agricultural Building	801	4,194	4,542	3,847	-85.25778330	37.61236500
Agricultural Building         B14         4.436         4.758         4.103         182 52667300         37 51248740           Power Utility         829         7.852         8.271         7.518         852.487100         37 51248740           Out Building         904         1.025         1.113         11.211         485.2897016         37 6505001           Agricultural Building         904         1.025         1.113         11.211         485.2847016         37 6505001           Out Building         906         1.140         1.893         15.377         485.27673684         37 65933076           Out Building         906         1.160         1.895         8.342         485.28340845         37 65933076           Out Building         1.021         1.301         1.865         8.447         452.2820373         37 648373096           Out Building         1.077         1.480         1.969         15.285         682.2689777         37 6432925           Out Building         1.141         1.257         1.432         15.099         482.2538011         37.65530872           Out Building         1.167         1.299         1.819         15.246         482.5249771         37 6432925           Out Building	Out Building	807	1,364	2,097	14,463	-85.28091260	37.65768510
Power Utility         829         7.892         8.271         7.518         1.82         2.487.00.6         37.60008021           Agricultural Building         904         5.159         5.744         4.807         38.25937041         37.6052328           Agricultural Building         906         1.140         1.833         15.377         38.27673644         37.66077044           Out Building         918         1.207         1.792         8.342         38.2838045         37.63013401           Out Building         1.021         1.301         1.865         8.447         38.24203321         37.6333401           Out Building         1.077         1.480         1.969         15.265         8.447         38.2640046         37.6607375           Out Building         1.017         1.480         1.969         15.285         48.263046         37.6607375           Out Building         1.141         1.257         1.432         15.099         48.2589177         37.6333905           Out Building         1.141         1.257         1.432         15.099         48.2580777         37.6338305           Out Building         1.149         1.812         2.2660         15.119         38.6303911         37.6338326 <t< td=""><td>Agricultural Building</td><td>814</td><td>4,436</td><td>4,758</td><td>4,103</td><td>-85.25668790</td><td>37.61248740</td></t<>	Agricultural Building	814	4,436	4,758	4,103	-85.25668790	37.61248740
Out Building         904         1.025         1.113         11.231         18.23333333         20.333333333333333333333333333333333333	Power Utility	829	7,892	8,271	7,518	-85.24871016	37.60508021
Agricultural Building         904         5,159         5,714         4,807         +85,25897041         37,60734441           Agricultural Building         918         1,207         1,792         8,342         +85,25897041         37,60734441           Agricultural Building         918         1,207         1,792         8,342         +85,25894945         37,609734441           Agricultural Building         1,021         1,301         1,865         8,447         +85,2820373         37,6493306           Out Building         1,077         1,480         1,969         15,285         +85,26630446         37,64973689           Out Building         1,133         1,424         2,191         3,586         +85,25680737         37,64323825           Out Building         1,147         1,229         1,819         1,526         +85,2580201         37,6533037 <t< td=""><td>Out Building</td><td>904</td><td>1,025</td><td>1,113</td><td>11,231</td><td>-85.25007319</td><td>37.64563258</td></t<>	Out Building	904	1,025	1,113	11,231	-85.25007319	37.64563258
Agrcutural building         906         1.140         1.893         15.377         -85.2767384         37.6607704           Out Building         918         1.007         1.792         8.342         -85.2883445         37.6697304           Agricultural Building         968         1.069         1.555         12.915         -85.24840323         37.6493201           Out Building         1.065         1.288         2.256         11.710         -85.28591019         37.64875869           Out Building         1.133         1.424         2.191         9.586         -85.25593318         37.64875869           Out Building         1.141         1.257         1.432         15.099         -85.25393318         37.64875869           Out Building         1.167         1.299         1.819         15.246         -85.25393318         37.659393318           Out Building         1.189         1.812         2.586         15.119         -85.2484081         37.659393318           Out Building         1.189         1.812         2.586         15.119         -85.2484081         37.659393318           Out Building         1.240         1.918         2.511         2.584         85.2607841         37.62153937           Agricutural	Agricultural Building	904	5,159	5,714	4,807	-85.25897041	37.60734441
Out Building         918         1.007         1.792         8.442         85.28384945         37.6391367           Agricturul Building         1.021         1.301         1.865         8.447         -85.24643922         37.64393201           Out Building         1.021         1.301         1.865         8.447         -85.24643923         37.64393206           Out Building         1.065         1.283         2.258         11,710         -85.26630446         37.66071757           Out Building         1.133         1.424         2.191         9.866         -85.26630446         37.66071757           Out Building         1.141         1.257         1.432         15.099         -85.25834021         37.65933860           Out Building         1.167         1.299         1.819         15.246         -85.2689731         37.65933860           Out Building         1.199         1.493         2.079         8.406         -85.2480331         37.65933860           Out Building         1.294         1.388         2.511         2.584         -85.2697441         37.6433934           Out Building         1.274         1.388         9.29         15.316         -85.2458974         37.64471584           Out Building	Agricultural Building	906	1,140	1,893	15,377	-85.27673684	37.66077044
Agricultural Building         968         1,069         1,556         12,915         452,844,8922         37,6433,006           Out Building         1,065         1,288         2,258         11,710         452,2450,373         37,6433,096           Out Building         1,077         1,480         1,969         15,285         452,2650,473         37,6435,393,066           Out Building         1,133         1,424         2,191         9,566         452,5680,473         37,6432,395,5           Out Building         1,141         1,257         1,432         15,099         452,5380,071         37,6583,087,2           Out Building         1,189         1,812         2,586         15,119         452,2680,373         37,6433,993,18           Out Building         1,189         1,812         2,586         15,119         452,2480,213         37,6583,993,18           Out Building         1,240         1,918         2,511         2,584         452,2690,7841         37,6437,588           Out Building         1,254         1,388         1,929         15,316         452,2597,141         37,6487,588           Out Building         1,327         1,459         2,014         15,310         452,4551,440         37,6487,588	Out Building	918	1,207	1,792	8,342	-85.28384945	37.63915367
Out Building         1.021         1.301         1.865         8.447         48.2420373         37.6393306           Out Building         1.065         1.288         2.258         11,710         48.2851019         37.64857869           Out Building         1.077         1.480         1.969         15.285         45.26630446         37.66071757           Out Building         1.131         1.424         2.191         9.586         45.25680737         37.64323925           Out Building         1.141         1.257         1.432         15.099         45.25380672         37.64323925           Out Building         1.167         1.299         1.819         15.246         48.25393418         37.6593186           Out Building         1.167         1.299         1.819         15.246         48.250974         37.64373934           Out Building         1.199         1.493         2.079         8.406         -85.2480831         37.6393948           Agricultural Building         1.245         1.349         1.815         1.2820         485.26974         37.6427188           Out Building         1.245         1.349         1.815         1.320         485.2458594         37.660582569           Out Building         <	Agricultural Building	968	1,069	1,556	12,915	-85.24648922	37.64932401
Out Building         1,065         1,288         2,258         11,710         -48.28591019         37.64857869           Out Building         1,133         1,424         2,191         9,586         -85.25689737         37.64323925           Out Building         1,141         1,257         1,432         15,099         -85.2536021         37.64323925           Out Building         1,167         1,299         1,619         15,246         -85.25334021         37.65393186           Out Building         1,167         1,299         1,619         15,246         -85.2534318         37.65393365           Out Building         1,199         1,493         2,079         8,406         -85.2480831         37.65393367           Agricultural Building         1,240         1,918         2,511         2,584         -85.26097841         37.65393377           Agricultural Building         1,245         1,349         1,815         12,200         -85.2458974         37.64832587           Out Building         1,254         1,388         1,929         15.316         -85.2488146         37.648325691           Out Building         1,307         1,459         2,014         15.310         -85.2615002         37.66408427           Out	Out Building	1,021	1,301	1,865	8,447	-85.28420373	37.63933096
Out Building         1.077         1.480         1.969         15.285         .985.26630446         37.66072757           Out Building         1.133         1.424         2.191         9.586         -85.25689737         37.64323925           Out Building         1.141         1.257         1.432         15.099         -85.2538021         37.658308072           Out Building         1.167         1.299         1.819         15.246         -85.2538021         37.65930305           Out Building         1.193         1.812         2.586         15.119         -85.25480231         37.65930305           Out Building         1.199         1.493         2.079         8.406         -85.2480831         37.65930305           Agricultural Building         1.240         1.918         2.511         2.584         -85.26507841         37.64871588           Out Building         1.245         1.349         1.815         12.820         -85.24585144         37.64871588           Out Building         1.234         1.386         1.429         15.316         -85.2597141         37.66402847           Agricultural Building         1.307         1.459         2.014         15.310         -85.26153002         37.6640285569 <t< td=""><td>Out Building</td><td>1,065</td><td>1,288</td><td>2,258</td><td>11,710</td><td>-85.28591019</td><td>37.64857869</td></t<>	Out Building	1,065	1,288	2,258	11,710	-85.28591019	37.64857869
Out Building         1,133         1,424         2,191         9,586         :85.25689737         27.64323025           Out Building         1,167         1,257         1,432         15,099         :85.25336021         37.65830872           Out Building         1,167         1,299         1,819         15,246         :85.2593418         37.65993305           Out Building         1,189         1,812         2,586         15,119         :85.28187200         37.65393393           Agricultural Building         1,240         1,918         2,511         2,584         :85.26097841         37.62153977           Agricultural Building         1,245         1,349         1,815         12,820         :85.25971141         37.66015244           Agricultural Building         1,282         1,338         1,929         15,316         :85.25971441         37.66015244           Agricultural Building         1,326         1,439         1,870         12,762         :85.24585146         37.64852569           Out Building         1,330         1,850         12,762         :85.24585140         37.64832569           Out Building         1,349         1,454         1,948         15,343         :85.2485140         37.64835641           Out	Out Building	1,077	1,480	1,969	15,285	-85.26630446	37.66071757
Out Building         1,141         1,257         1,432         15,099         48,2536021         37,6580872           Out Building         1,167         1,299         1,819         15,246         48,52933418         37,65993186           Out Building         1,189         1,812         2,586         15,119         48,528187200         37,6599305           Out Building         1,199         1,493         2,079         8,406         48,2480831         37,63893043           Agricultural Building         1,245         1,349         1,815         12,820         48,26097841         37,6613977           Agricultural Building         1,245         1,349         1,815         12,820         48,2458504         37,64832569           Out Building         1,289         1,333         1,850         12,762         48,24585461         37,64832569           Out Building         1,307         1,459         2,014         15,310         48,52653002         37,6604037           Agricultural Building         1,349         1,455         2,031         8,908         48,52850922         37,6604037           Out Building         1,349         1,454         1,948         15,343         48,2631355         37,60086607           Out Bu	Out Building	1,133	1,424	2,191	9,586	-85.25689737	37.64323925
Out Building         1,167         1,299         1,819         15,246         -85,25933418         37,65993186           Out Building         1,189         1,812         2,586         15,119         -85,28187200         37,65993305           Agricultural Building         1,240         1,918         2,079         8,406         -85,2848031         37,6389343           Agricultural Building         1,240         1,918         2,511         2,584         -85,26489174         37,6213377           Agricultural Building         1,245         1,349         1,815         12,820         -85,245897143         37,6618244           Agricultural Building         1,254         1,388         1,929         15,316         -85,245891602         37,6608244           Agricultural Building         1,367         1,459         2,014         15,310         -85,2458916021         37,6482569           Out Building         1,349         1,558         2,031         8,908         -85,2849120         37,64385641           Out Building         1,349         1,552         1,977         9,028         -85,2819221         37,64038618           Out Building         1,359         1,522         1,977         9,028         -85,2814326         37,640382163 <td>Out Building</td> <td>1,141</td> <td>1,257</td> <td>1,432</td> <td>15,099</td> <td>-85.25336021</td> <td>37.65830872</td>	Out Building	1,141	1,257	1,432	15,099	-85.25336021	37.65830872
Out Building         1,189         1,812         2,586         15,119         -85,28187200         37,65936305           Out Building         1,199         1,493         2,079         8,406         -85,2480831         37,65936305           Agricultural Building         1,240         1,918         2,511         2,554         -85,245805741         37,6619377           Agricultural Building         1,254         1,349         1,815         12,820         -85,24585974         37,64618244           Out Building         1,254         1,388         1,929         15,316         -85,25971141         37,66018244           Agricultural Building         1,380         1,762         -85,2485146         37,64038244           Out Building         1,336         1,459         2,014         15,310         -85,26513002         37,66040437           Agricultural Building         1,349         1,558         2,031         8,908         -85,285921         37,6403818           Out Building         1,349         1,558         2,031         8,908         -85,2859325         37,660666607           Out Building         1,359         1,614         2,118         8,774         -85,2859474         37,63988163           Out Building         1,422	Out Building	1,167	1,299	1,819	15,246	-85.25933418	37.65993186
Out Building         1,199         1,493         2,079         8,406         -85.28480831         37.63893943           Agricultural Building         1,240         1,918         2,511         2,564         -85.26097841         37.62153977           Agricultural Building         1,245         1,349         1,815         12,820         -85.24885974         37.64371588           Out Building         1,254         1,388         1,929         15,316         -85.25971141         37.66018244           Agricultural Building         1,289         1,393         1,850         12,762         -85.24585146         37.64600437           Agricultural Building         1,336         1,439         1,871         12,716         -85.24581140         37.64038818           Out Building         1,349         1,558         2,031         8,908         -85.28509221         37.64038818           Out Building         1,359         1,522         1,977         9,028         -85.282494834         37.640382178           Out Building         1,360         1,667         2,352         7,466         -85.2824527         37.63988163           Out Building         1,422         2,037         2,826         15,356         -85.2824526         37.655939393	Out Building	1,189	1,812	2,586	15,119	-85.28187200	37.65936305
Agricultural Building         1,240         1,918         2,511         2,584         -85.26097841         37.62153977           Agricultural Building         1,245         1,349         1,815         12,820         -85.24585974         37.64871588           Out Building         1,254         1,388         1,929         15,316         -85.24585146         37.64871588           Agricultural Building         1,289         1,393         1,850         12,762         -85.24585146         37.64872569           Out Building         1,307         1,459         2,014         15,310         -85.26153002         37.66040437           Agricultural Building         1,336         1,439         1,871         12,716         -85.245851140         37.64385641           Out Building         1,349         1,558         2,031         8,908         -85.28509221         37.64038818           Out Building         1,349         1,552         1,977         9,028         -85.28494834         37.64088278           Out Building         1,350         1,614         2,118         8,774         -85.28529547         37.63988163           Out Building         1,360         1,667         2,352         7,466         -85.2881502         37.66159729	Out Building	1,199	1,493	2,079	8,406	-85.28480831	37.63893943
Agricultural Building         1,245         1,349         1,815         12,820         -85.24585974         37.64871588           Out Building         1,254         1,388         1,929         15,316         -85.25971141         37.660182446           Agricultural Building         1,289         1,393         1,850         12,762         -85.24585146         37.64872569           Out Building         1,307         1,459         2,014         15,310         -85.26153002         37.66040437           Agricultural Building         1,336         1,439         1,871         12,716         -85.24581140         37.64835841           Out Building         1,349         1,558         2,031         8,908         -85.26316355         37.6606607           Out Building         1,359         1,522         1,977         9,028         -85.28494834         37.6408278           Out Building         1,359         1,614         2,118         8,774         -85.2834202         37.63641487           Agricultural Building         1,422         2,037         2,826         15,356         -85.2844023         37.63641487           Agricultural Building         1,470         2,482         2,466         15,824         -85.2661078         37.661512945     <	Agricultural Building	1,240	1,918	2,511	2,584	-85.26097841	37.62153977
Out Building         1,254         1,388         1,929         15,316         -85,25971141         37,66018244           Agricultural Building         1,289         1,393         1,850         12,762         -85,24585146         37,64632569           Out Building         1,307         1,459         2,014         15,310         -85,26153002         37,66040437           Agricultural Building         1,336         1,439         1,871         12,716         -85,26581140         37.64835641           Out Building         1,349         1,558         2,031         8,908         -85,26509221         37.64038818           Out Building         1,359         1,522         1,977         9,028         -85,2643434         37.64082278           Out Building         1,359         1,614         2,118         8,774         -85,28519547         37.6408278           Out Building         1,360         1,667         2,352         7,466         -85,28381502         37.66159793           Out Building         1,422         2,037         2,826         15,516         -85,28381502         37.66159793           Out Building         1,470         2,442         2,466         15,824         -85,2669178         37.66159729           Ag	Agricultural Building	1,245	1,349	1,815	12,820	-85.24585974	37.64871588
Agricultural Building         1,289         1,393         1,850         12,762         -85.24585146         37.64852569           Out Building         1,307         1,459         2,014         15,310         -85.26153002         37.6640437           Agricultural Building         1,336         1,439         1,871         12,716         -85.24581140         37.66435641           Out Building         1,349         1,558         2,031         8,908         -85.28509221         37.64038818           Out Building         1,349         1,558         2,031         8,908         -85.28509221         37.64038818           Out Building         1,359         1,614         1,948         15,343         -85.2816355         37.66066607           Out Building         1,359         1,614         2,118         8,774         -85.28494834         37.64082778           Out Building         1,360         1,667         2,352         7,466         -85.28381502         37.65159729           Agricultural Building         1,422         2,037         2,256         15,616         -85.28656173         37.66159729           Agricultural Building         1,470         2,442         2,466         15,841         -85.24881524         37.66159729	Out Building	1,254	1,388	1,929	15,316	-85.25971141	37.66018244
Out Building1,3071,4592,01415,310-85.2615300237.66040437Agricultural Building1,3361,4391,87112,716-85.2458114037.66038611Out Building1,3491,5582,0318,908-85.26550922137.66038818Out Building1,3491,4541,94815,343-85.2631635537.6606607Out Building1,3591,5221,9779,028-85.2849483437.64082278Out Building1,3601,6672,3527,466-85.28426237.65988163Out Building1,4222,0372,82615,356-85.284246237.65998093Out Building1,4222,0372,82615,356-85.284964537.66159799Agricultural Building1,4702,4422,46615,841-85.286964537.6615979Agricultural Building1,4702,4422,46615,841-85.246964537.660597189Agricultural Building1,4709,4879,9009,100-85.2459907537.6009697Out Building1,4711,5752,07015,465-85.2631033937.66039692Agricultural Building1,4752,1522,70316,282-85.2461001137.60348144Agricultural Building1,4752,1522,70316,282-85.2461001137.60348034Agricultural Building1,4752,1522,70316,282-85.2641001137.66039692Agricultural Building1,5351,684	Agricultural Building	1,289	1,393	1,850	12,762	-85.24585146	37.64852569
Agricultural Building1,3361,4391,87112,716-85.2458114037.64835641Out Building1,3491,5582,0318,908-85.2850922137.64038818Out Building1,3491,4541,94815,343-85.2631635537.6608607Out Building1,3591,5221,9779,028-85.2849483437.6408278Out Building1,3591,6142,1188,774-85.2852954737.63988163Out Building1,3601,6672,3527,466-85.2838150237.63641487Agricultural Building1,4222,0372,82615,356-85.2824262637.65939033Out Building1,4501,9532,78615,824-85.280694537.66159729Agricultural Building1,4702,4422,46615,841-85.2488152437.6099692Agricultural Building1,4709,4879,9009,100-85.245013337.6009697Out Building1,4711,5752,07015,465-85.2631033937.6009692Agricultural Building1,4712,5522,70315,282-85.2734665837.66348034Agricultural Building1,4752,1522,70315,282-85.2734665837.6039692Out Building1,4752,1522,70315,282-85.2734665837.60329541Out Building1,4752,1522,70315,282-85.24001137.6029541Out Building1,5351,6842,21313,273 <td>Out Building</td> <td>1,307</td> <td>1,459</td> <td>2,014</td> <td>15,310</td> <td>-85.26153002</td> <td>37.66040437</td>	Out Building	1,307	1,459	2,014	15,310	-85.26153002	37.66040437
Out Building1,3491,5582,0318,908-85.2850922137.64038818Out Building1,3491,4541,94815,343-85.2631635537.6006607Out Building1,3591,5221,9779,028-85.284983437.64082278Out Building1,3591,6142,1188,774-85.2849824737.6398163Out Building1,3601,6672,3527,466-85.2834150237.63641487Agricultural Building1,4222,0372,82615,356-85.2824262637.65993093Out Building1,4391,7762,25615,616-85.285097837.66152945Agricultural Building1,4702,4422,46615,841-85.2489054537.6512945Agricultural Building1,4709,4879,9009,100-85.245907537.6009697Out Building1,4711,5752,07015,465-85.230133337.66098692Agricultural Building1,4729,5229,9429,136-85.2461001137.60096248Out Building1,4752,1522,70316,282-85.2734665837.66348034Agricultural Building1,4752,1522,70316,282-85.273465837.66348034Out Building1,4752,1522,70316,282-85.273465837.66348034Agricultural Building1,4752,1522,70316,282-85.273465837.66348034Out Building1,4752,1522,70316,282 <td>Agricultural Building</td> <td>1,336</td> <td>1,439</td> <td>1,871</td> <td>12,716</td> <td>-85.24581140</td> <td>37.64835641</td>	Agricultural Building	1,336	1,439	1,871	12,716	-85.24581140	37.64835641
Out Building1,3491,4541,94815,343-85.2631635537.66066607Out Building1,3591,5221,9779,028-85.2849483437.64082278Out Building1,3591,6142,1188,774-85.2823954737.6398163Out Building1,3601,6672,3527,466-85.2838150237.63641487Agricultural Building1,4222,0372,82615,356-85.282426237.6599093Out Building1,4391,7762,25615,616-85.2806964537.66159729Agricultural Building1,4702,4422,46615,841-85.248052437.651512945Agricultural Building1,4709,4879,9009,100-85.248152437.65099697Out Building1,4711,5752,07015,465-85.2631033937.66099692Agricultural Building1,4729,5229,9429,136-85.246101137.602648Out Building1,4752,1522,70316,282-85.2734665837.6512941Out Building1,5251,6501,88612,246-85.26397737.6249541Out Building1,5351,6842,21313,273-85.2440948737.64741978Agricultural Building1,5391,6501,88612,426-85.245827737.64741978Agricultural Building1,5391,6501,88612,426-85.245827737.64741978Agricultural Building1,5391,6501,88612	Out Building	1,349	1,558	2,031	8,908	-85.28509221	37.64038818
Out Building1,3591,5221,9779,028-85.2849483437.64082278Out Building1,3591,6142,1188,774-85.2852954737.63988163Out Building1,3601,6672,3527,466-85.2838150237.63641487Agricultural Building1,4222,0372,82615,356-85.283426237.635939393Out Building1,4391,7762,25615,616-85.2856917837.66159729Agricultural Building1,4501,9532,78615,824-85.286964537.66159295Agricultural Building1,4702,4422,46615,841-85.2458152437.6515917189Agricultural Building1,4709,4879,9009,100-85.2459907537.6009697Out Building1,4729,5229,9429,136-85.2461001137.6009697Out Building1,4752,1522,70316,282-85.2734665837.63248034Agricultural Building1,5222,2132,7892,816-85.2461001137.602481Out Building1,5222,2132,7892,816-85.2461001137.60249511Agricultural Building1,5351,6842,21313,273-85.246108737.6348034Agricultural Building1,5351,6842,21313,273-85.2400948737.64249541Agricultural Building1,5391,6501,88612,242-85.2400170637.62204441Agricultural Building1,5391,650<	Out Building	1,349	1,454	1,948	15,343	-85.26316355	37.66066607
Out Building1,3591,6142,1188,774-85.2852954737.63988163Out Building1,3601,6672,3527,466-85.2838150237.63641487Agricultural Building1,4222,0372,82615,356-85.2824262637.65993093Out Building1,4391,7762,25615,616-85.2656917837.66159729Agricultural Building1,4501,9532,78615,824-85.2806964537.66152945Agricultural Building1,4702,4422,46615,841-85.2489152437.6512945Agricultural Building1,4709,4879,9009,100-85.245907537.6009697Out Building1,4711,5752,07015,465-85.2631033937.6009692Agricultural Building1,4729,5229,9429,136-85.2461001137.60066248Out Building1,4752,1522,70316,282-85.273465837.65348034Agricultural Building1,5222,2132,7892,816-85.24001137.60929541Agricultural Building1,5351,6842,21313,273-85.240048737.6429541Agricultural Building1,5391,6501,88612,426-85.2460170637.6429541Agricultural Building1,5391,6501,88612,426-85.240048737.6429541Agricultural Building1,5392,0642,8112,912-85.2400170637.62204441	Out Building	1,359	1,522	1,977	9,028	-85.28494834	37.64082278
Out Building1,3601,6672,3527,466-85.2838150237.63641487Agricultural Building1,4222,0372,82615,356-85.2824262637.65993093Out Building1,4391,7762,25615,616-85.2656917837.66159729Agricultural Building1,4501,9532,78615,824-85.2806964537.66152945Agricultural Building1,4702,4422,46615,841-85.2488152437.65917189Agricultural Building1,4709,4879,9009,100-85.2459907537.60090697Out Building1,4711,5752,07015,465-85.261033937.66099692Agricultural Building1,4729,5229,9429,136-85.2461001137.60066248Out Building1,4752,1522,70316,282-85.2734665837.66348034Agricultural Building1,5222,2132,7892,816-85.24997537.6612941Agricultural Building1,5231,6642,21313,273-85.240048737.66342034Agricultural Building1,5351,6842,21313,273-85.240948737.6429541Agricultural Building1,5391,6501,88612,426-85.2458279737.64741978Agricultural Building1,5392,0642,8112,912-85.2600170637.62204441	Out Building	1,359	1,614	2,118	8,774	-85.28529547	37.63988163
Agricultural Building1,4222,0372,82615,356-85.2824262637.65993093Out Building1,4391,7762,25615,616-85.2656917837.66159729Agricultural Building1,4501,9532,78615,824-85.2806964537.66152945Agricultural Building1,4702,4422,46615,841-85.2488152437.65917189Agricultural Building1,4709,4879,9009,100-85.245907537.60090697Out Building1,4711,5752,07015,465-85.261033937.66099992Agricultural Building1,4729,5229,9429,136-85.248101137.60096248Out Building1,4752,1522,70316,282-85.2734665837.66348034Out Building1,5222,2132,7892,816-85.2599879237.66342034Agricultural Building1,5351,6842,21313,273-85.2440948737.6429541Agricultural Building1,5391,6501,88612,426-85.2488279737.64741978Agricultural Building1,5391,6501,88612,426-85.2485279737.64741978Agricultural Building1,5392,0642,8112,912-85.260170637.6204441	Out Building	1,360	1,667	2,352	7,466	-85.28381502	37.63641487
Out Building1,4391,7762,25615,616-85.2656917837.66159729Agricultural Building1,4501,9532,78615,824-85.2806964537.66152945Agricultural Building1,4702,4422,46615,841-85.2488152437.65917189Agricultural Building1,4709,4879,9009,100-85.2459907537.60090697Out Building1,4711,5752,07015,465-85.2631033937.66099692Agricultural Building1,4729,5229,9429,136-85.2461001137.6006248Out Building1,4752,1522,70316,282-85.2734665837.6348034Agricultural Building1,5222,2132,7892,816-85.2599879237.6125941Out Building1,5351,6842,21313,273-85.2440948737.64929541Agricultural Building1,5391,6501,88612,426-85.2458279737.64741978Agricultural Building1,5392,0642,8112,912-85.2600170637.62204441	Agricultural Building	1,422	2,037	2,826	15,356	-85.28242626	37.65993093
Agricultural Building1,4501,9532,78615,824-85.2806964537.66152945Agricultural Building1,4702,4422,46615,841-85.2488152437.65917189Agricultural Building1,4709,4879,9009,100-85.2459907537.6009697Out Building1,4711,5752,07015,465-85.2631033937.66099692Agricultural Building1,4729,5229,9429,136-85.2451001137.6006248Out Building1,4752,1522,70316,282-85.2734665837.66348034Agricultural Building1,5222,2132,7892,816-85.2599879237.62125941Out Building1,5351,6842,21313,273-85.2440948737.64929541Agricultural Building1,5391,6501,88612,426-85.2458279737.64741978Agricultural Building1,5392,0642,8112,912-85.2600170637.62204441	Out Building	1,439	1,776	2,256	15,616	-85.26569178	37.66159729
Agricultural Building1,4702,4422,46615,84185.2488152437.65917189Agricultural Building1,4709,4879,9009,100-85.2459907537.6009697Out Building1,4711,5752,07015,465-85.2631033937.66099692Agricultural Building1,4729,5229,9429,136-85.2461001137.60066248Out Building1,4752,1522,70316,282-85.2734665837.66348034Agricultural Building1,5222,2132,7892,816-85.2599879237.62125941Out Building1,5351,6842,21313,273-85.2440948737.64929541Agricultural Building1,5391,6501,88612,426-85.2458279737.64741978Agricultural Building1,5392,0642,8112,912-85.2600170637.62204441	Agricultural Building	1,450	1,953	2,786	15,824	-85.28069645	37.66152945
Agricultural Building1,4709,4879,9009,100-85.2459907537.60090697Out Building1,4711,5752,07015,465-85.2631033937.66099692Agricultural Building1,4729,5229,9429,136-85.2461001137.60066248Out Building1,4752,1522,70316,282-85.2734665837.66348034Agricultural Building1,5222,2132,7892,816-85.2599879237.62125941Out Building1,5351,6842,21313,273-85.2440948737.64929541Agricultural Building1,5391,6501,88612,426-85.2458279737.64741978Agricultural Building1,5392,0642,8112,912-85.2600170637.62204441	Agricultural Building	1,470	2,442	2,466	15,841	-85.24881524	37.65917189
Out Building1,4711,5752,07015,465-85.2631033937.66099692Agricultural Building1,4729,5229,9429,136-85.2461001137.60066248Out Building1,4752,1522,70316,282-85.2734665837.66348034Agricultural Building1,5222,2132,7892,816-85.2599879237.62125941Out Building1,5351,6842,21313,273-85.2440948737.64929541Agricultural Building1,5391,6501,88612,426-85.2458279737.64741978Agricultural Building1,5392,0642,8112,912-85.2600170637.62204441	Agricultural Building	1,470	9,487	9,900	9,100	-85.24599075	37.60090697
Agricultural Building1,4729,5229,9429,136-85.2461001137.60066248Out Building1,4752,1522,70316,282-85.2734665837.66348034Agricultural Building1,5222,2132,7892,816-85.2599879237.62125941Out Building1,5351,6842,21313,273-85.2440948737.64929541Agricultural Building1,5391,6501,88612,426-85.2458279737.64741978Agricultural Building1,5392,0642,8112,912-85.2600170637.62204441	Out Building	1,471	1,575	2,070	15,465	-85.26310339	37.66099692
Out Building1,4752,1522,70316,282-85.2734665837.66348034Agricultural Building1,5222,2132,7892,816-85.2599879237.62125941Out Building1,5351,6842,21313,273-85.2440948737.64929541Agricultural Building1,5391,6501,88612,426-85.2458279737.64741978Agricultural Building1,5392,0642,8112,912-85.2600170637.62204441	Agricultural Building	1,472	9,522	9,942	9,136	-85.24610011	37.60066248
Agricultural Building1,5222,2132,7892,816-85.2599879237.62125941Out Building1,5351,6842,21313,273-85.2440948737.64929541Agricultural Building1,5391,6501,88612,426-85.2458279737.64741978Agricultural Building1,5392,0642,8112,912-85.2600170637.62204441	Out Building	1,475	2,152	2,703	16,282	-85.27346658	37.66348034
Out Building1,5351,6842,21313,273-85.2440948737.64929541Agricultural Building1,5391,6501,88612,426-85.2458279737.64741978Agricultural Building1,5392,0642,8112,912-85.2600170637.62204441	Agricultural Building	1,522	2,213	2,789	2,816	-85.25998792	37.62125941
Agricultural Building1,5391,6501,88612,426-85.2458279737.64741978Agricultural Building1,5392,0642,8112,912-85.2600170637.62204441	Out Building	1,535	1,684	2,213	13,273	-85.24409487	37.64929541
Agricultural Building 1,539 2,064 2,811 2,912 -85.26001706 37.62204441	Agricultural Building	1,539	1,650	1,886	12,426	-85.24582797	37.64741978
	Agricultural Building	1,539	2,064	2,811	2,912	-85.26001706	37.62204441

Out Building	1,543	5,633	5,816	5,379	-85.25120911	37.61416427
Agricultural Building	1,566	1,684	1,815	12,207	-85.24620828	37.64689812
Out Building	1,571	2,137	2,738	14,865	-85.28350738	37.65833093
Agricultural Building	1,580	2,250	2,848	2,877	-85.25978971	37.62131717
Out Building	1,582	1,863	2,543	7,064	-85.28328771	37.63537549
Out Building	1,585	1,725	2,343	15,602	-85.26077952	37.66112450
Out Building	1,596	1,740	2,308	15,601	-85.26119665	37.66117144
Agricultural Building	1,597	9,259	9,641	8,882	-85.24529804	37.60247170
Out Building	1,614	1,746	2,259	15,687	-85.25931099	37.66115884
Out Building	1,635	1,746	2,247	15,630	-85.26262436	37.66140796
Agricultural Building	1,642	1,781	2,360	9,396	-85.25477120	37.64191188
Out Building	1,643	1,782	2,391	15,661	-85.26071579	37.66127987
Commercial	1,663	2,426	2,608	7,914	-85.25663179	37.63809866
Out Building	1,664	1,897	2,982	11,356	-85.28796882	37.64677187
Commercial	1,682	2,520	2,791	7,754	-85.25563222	37.63715498
Out Building	1,693	2,513	2,977	6,825	-85.25498517	37.63374724
Agricultural Building	1,697	1,846	2,457	9,284	-85.25521954	37.64174473
Out Building	1,712	9,468	10,040	9,128	-85.25060398	37.59749920
Out Building	1,721	2,748	2,812	2,623	-85.26015136	37.61881136
Agricultural Building	1,724	2,111	2,807	14,948	-85.24227579	37.65382491
Agricultural Building	1,743	1,871	2,406	9,400	-85.25411440	37.64165551
Out Building	1,761	2,118	2,596	15,960	-85.26563798	37.66254109
Agricultural Building	1,766	1,908	2,492	9,266	-85.25491070	37.64156683
Out Building	1,775	1,891	2,394	15,770	-85.26237675	37.66177177
Out Building	1,822	2,685	2,796	2,515	-85.26054372	37.61791988
Out Building	1,827	2,573	3,071	16,599	-85.27213475	37.66439551
Agricultural Building	1,841	2,017	2,950	3,585	-85.25942599	37.62483243
Agricultural Building	1,846	9,483	10,071	9,149	-85.25111925	37.59713483
Out Building	1,852	2,689	3,139	6,988	-85.25437361	37.63393841
Out Building	1,854	2,324	2,810	16,130	-85.26646688	37.66304665
Out Building	1,859	2,028	3,051	11,678	-85.28847714	37.64755966
Out Building	1,866	8,644	8,978	8,292	-85.24513604	37.60542482
Agricultural Building	1,871	2,015	2,602	9,158	-85.25500033	37.64127298
Out Building	1,879	1,996	2,499	15,875	-85.26229635	37.66205359
Agricultural Building	1,920	9,500	9,870	9,128	-85.24418397	37.60250918
Out Building	1,925	6,009	6,158	5,775	-85.24965728	37.61471584
Out Building	1,927	2,194	2,701	9,018	-85.28730412	37.63970982
Out Building	1,939	2,764	3,225	6,977	-85.25411829	37.63373753
Agricultural Building	1,957	8,956	9,299	8,600	-85.24456331	37.60458082
Out Building	1,969	2,076	2,088	11,464	-85.24657162	37.64463083
Out Building	1,976	10,098	10,538	9,718	-85.24520341	37.59909489
Commercial	1,977	9,947	10,491	9,598	-85.24869524	37.59703428
Commercial	1,978	2,754	2,937	8,182	-85.25560367	37.63849483
Commercial	1,982	2,113	2,352	10,486	-85.24848998	37.64242165
Out Building	1,984	2,473	3,086	5,808	-85.25603737	37.63083082
Out Building	1,986	9,678	10,264	9,343	-85.25064999	37.59674473

Commercial	1,989	2,115	2,268	10,839	-85.24762858	37.64312517
Agricultural Building	1,989	2,171	3,099	3,692	-85.25889742	37.62476168
Out Building	1,990	2,112	2,110	11,645	-85.24614949	37.64500334
Commercial	1,995	2,124	2,313	10,690	-85.24794276	37.64280043

Request No. 8:

Refer to the Application, Record of Environmental Violations, page 11. Provide the entities with a direct ownership interest in Frontier Solar. Also provide the corporate structure of those entities.

Response No. 8:

Please see the attached organizational chart for entities with a direct ownership interest in FRON

bn, LLC and the corporate structure of those entities.

Responding Witness: Josh Adams



# BrightNight Organization Chart

\* All entities 100% owned unless (indicated) otherwise

\*\* All limited liability companies organized under the laws of the state of Delaware





## Request No. 9:

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. 9:

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

## Permitting Table – FRON bn, LLC – Kentucky

Regulation	Regulatory Authority	Authorization	Activities	Likelihood to Obtain	Pe
Federal					
Clean Water Act Section 404 and/or Section 10	U.S. Army Corps of Engineers (USACE)	Individual or Nationwide Permit	Placement of Dredge or Fill Material in a Waters of the U.S.	To be Determined	No
National Historic Preservation Act (NHPA) Section 106 Cultural and Archaeological	Kentucky Heritage Council – State Historic Preservation Office (KHCSHPO)	KHC-SHPO Concurrence as Non-Eligible, KHC- SHPO Concurrence with Implementation Plan, KHC SHPO Concurrence with Avoidance	Required if cultural resources are found based on cultural site surveys and historic properties analysis. Cultural resources are those resources greater than 45 years	To be Determined	No
Archaeological and Historic Preservation Act (AHPA) Compliance					
Endangered Species Act (ESA) of 1973, as amended	U.S. Fish and Wildlife Service	Section 7 Biological Opinion or Biological Concurrence Letter	Federal Endangered Species Act-Listed Species and/or Critical Habitat presence	Low	No
Bald and Golden Eagle Protection Act (BGEPA) of 1940, as amended	U.S. Fish and Wildlife Service	Incidental Take Permit (ITP)	Required for Federal agencies authorizing, funding, permitting, or carrying out an action. Prohibits the take of bald and golden eagles without prior authorization by the USFWS. Take includes the killing, injuring, or disturbing of present or nesting eagles.	Low	No
Spill Prevention, Control, and Countermeasures (SPCC) Plan	U.S. Environmental Protection Agency	No formal approval required	Before a facility is subject to the SPCC Rule, it must meet three criteria: 1) it must be non- transportationrelated; 2) it must have an aggregate aboveground storage capacity greater than 1,320 gallons or a completely buried storage capacity greater than 42,000 gallons; and 3) there must be a reasonable expectation of a discharge into or upon navigable waters of the United States or adjoining shorelines.	High	No
75 FR 42296 Safe, Efficient Use and Preservation of the Navigable Airspace	Federal Aviation Administration (FAA)	Notice of Proposed Construction or Alteration (FAA Form 7460-1)	Any person/organization who intends to sponsor construction or alterations that are 200 feet above ground level must notify the Administrator of the FAA	Low	Not
Floodplain Development Permit	FEMA – Kentucky Energy and Environment Cabinet	Floodplain Development Permit	Construction of structures within a 100-year floodplain	Low	No
State					
Kentucky Endangered Species Protection	Kentucky Department of Fish	State Threatened and Endangered Species	Take of a Kentucky-listed endangered or threatened species	To be Determined	No

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Regulation	Regulatory Authority	Authorization	Activities	Likelihood to Obtain	Pe
	and Wildlife Resources (KDFWR)				
Federal Water Pollution Control Act/Kentucky Pollutant Discharge Elimination System	KDOW	Kentucky Pollutant Discharge Elimination System (KPDES)	If fuel tanks are present and/or surface disturbance is greater than 1 acre	Required	Not
Kentucky KYR100000 Construction General Permit for Discharges from Construction Activities	KDOW	Construction General Permit for Discharges	Storm water runoff from construction areas >1 acre	Required	Not
Commercial Driveway Permit	Kentucky Transportation Cabinet (KYTC) Department of Highways	Application for Encroachment Permit	Construction of a driveway within KYTC right-of-way	To be Determined	Not
House Bill 4 (HB4)	Energy and Environment Cabinet, Division of Waste Management	EEC has proposed regulations, which are not yet final. If promulgated, the regulations may require compliance activities		Required	Not
Local	·	·			
No formal regulation cited	County Fiscal Court	Electrical Permit	Installation of electrical wiring	Required	Not

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## Request No. 10:

Refer to the Site Assessment Report (SAR), Exhibit A, Preliminary Site Layout. Provide a onepage site map that contains the locations water features, including rivers, streams, lakes, and ponds. Also include any known or suspected karst features.

## Response No. 10:

Please see attached. According to USGS and Kentucky state sinkhole mapping, the Project area does not contain known sinkholes. A geotechnical report has been provided in response to Request No. 33, which details the potential for karst features in the Project.



Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community; NAD 1983 StatePlane Kentucky South FIPS 1602 Feet

## Request No. 11:

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

Response No. 11:

The perimeter security fence will be installed in accordance with NESC Section 11, Rule 110A prior to commencing any electrical work.

Request No. 12:

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

Response No. 12:

Project security measures will include substation fencing, security cameras, controlled gate access

and cyber security via NERC CIP compliance.

## Request No. 13:

Explain whether any existing structures on the project site will be demolished during construction. Response No. 13:

Frontier Solar is aware of several existing structures that are planned to be removed before or during construction. Based on the Project's preliminary design, the structures anticipated to be removed include the following: one dilapidated barn on the Mackin property and a temporary farm structure (pole barn) on the Graves property. Frontier Solar is coordinating with these properties' respective landowners to make a decision on removal before full engineering design is completed in 2025.

## Request No. 14:

Refer to the SAR, Exhibit A, Preliminary Site Layout. 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. 14:

Approximately 225 acres of vegetation clearing is contemplated in the preliminary site design. Significantly sized trees and other cornerstone vegetative features will remain in place where practicable. Any clearing activities will be initiated after the Project has obtained a KYR10-Stormwater Construction General Permit from the Kentucky Division of Water. Local permits are not anticipated to be needed for vegetation clearing.

Request No. 15:

Refer to the SAR, Exhibit 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. 15:

Please see attached.



LEGEND:-SYMBOL

DESCRIPTION

ACCESS GATE

KEY PLAN

LEGEND:-

SYMBOL

DESCRIPTION

---- SITE BOUNDARY

NOT FOR CONSTRUCTION					
Project Details					
latitude	37°38'	18.12'	'N		
longitude	85°16'	12.91'	'W		
C capacity (max.)	145.11	9 MW	р		
C capacity at POI	120 M	Wac			
AC ratio at POI	1.209				
uation voltage	138 kV	,			
ule wattage	545W1	)			
ule type	Bifacia	1			
ule quantity	26627	4			
ule per string	27				
l strings	9862				
nverter rating	4MWa	с			
nverter Type	Centra	Central			
nverter quantity	35	35			
ting type	Tracke	Tracker			
1	24'-11	24'-11"			
ind coverage ratio	30%	30%			
ker Quantity_4 String Tracker	2039	2039			
ker Quantity_3 String Tracker	412				
ker Quantity_2 String Tracker	235				
l Trackers	2686				
l area used for PV	935 Ac	935 Acres			
fence length	76461	I			
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2-21 09 LAND BOUNDARY AND	MA	CKD. BY	KP		
9-22 08V04 PINKSTON (KIM) PROPERTY &	SS	PS	KP		
B-29 07 LAND BOUNDARY REVISED	SS	PS	KP		
5-06 06 LAND BOUNDARY REVISED	MA	PS	KP		
3-27 05V02 DC CAPACITY AND GCR REVISED	MA	PS	KP		
0-27 04 NEW PARCEL ADDED & AC CAPACITY REVISE	ED MA	PS	KP		
9-07 03 NEW PARCEL ADDED & AC CAPACITY REVISI	D MA	PS	KP		
B-02 02 ATI TRACKER USED	YS	PS	KP		
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PLANT LAYOUT (PV)

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LEGEND:-	
SYMBOL	DESCRIPTION
	SITE BOUNDARY
	SITE FENCE
	SETBACK LINE
	COUNTY ROAD
	TRACKER
	INVERTER SKID
	PLANT INTERNAL ROADS (15')
and the second sec	SUBSTATION ACCESS ROAD (25')
	WETLAND
********	UNDULATED AREA
	TREE SHADING AREA
777775	STORM WATER BASINS
	RESIDENTIAL SETBACK

SYMBOL	DESCRIPTION
	ACCESS GATE
	PROPOSED 138kV GEN-TIE LINE ROUTE
	PROPOSED MV COLLECTION LINE ROUTI
	FLOOD AREA
	NATURAL DRAIN
	COUNTY BOUNDARY LINE
	EXCLUSION AREA
0	PROPOSED GEN TIE STRUCTURE



### NOT FOR CONSTRUCTION

\* Coordinates System :-UTM84-16N,UTM-WCS 1984 datum, Zone 16 North, Meter; Cent. Meridian 87d W \* Tree cutting considered DATE REV. REVISION HISTORY DRN. BY CKD. BY APPD. BY 2023-12-21 09 LAND BOUNDARY AND CONSTRAINTS REVISED MA PS KP

2023 <b>-</b> 12 <b>-</b> 21	09	LAND BOUNDARY AND CONSTRAINTS REVISED	MA	PS	KP
2023 <b>-</b> 09 <b>-</b> 22	08V04	MATTINGLY KEVIN PROPERTY & PINKSTON (KIM) PROPERTY USED	SS	PS	KP
2023 <b>-</b> 08 <b>-</b> 29	07	LAND BOUNDARY REVISED	SS	PS	KP
2023 <b>-</b> 05 <b>-</b> 06	06	LAND BOUNDARY REVISED	MA	PS	KP
2023 <b>-</b> 03 <b>-</b> 27	05V02	DC CAPACITY AND GCR REVISED	MA	PS	KP
2022-10-27	04	NEW PARCEL ADDED & AC CAPACITY REVISED	MA	PS	KP
2022-09-07	03	NEW PARCEL ADDED & AC CAPACITY REVISED	MA	PS	KP
2022-08-02	02	ATI TRACKER USED	YS	PS	KP
2022-07-27	01	WET LAND DELINEATION ADDED	YS	PS	KP
2022 <b>-</b> 03 <b>-</b> 31	00	FIRST ISSUE	MA	PS	KP

#### BRIGHTNIGHT BrightNight Power

### PROJECT NAME FRONTIER (FRON)

Note:-

\* All Dimensions Are in Feet.

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LEGEND:-	
SYMBOL	DESCRIPTION
	SITE BOUNDARY
<del></del>	SITE FENCE
	SETBACK LINE
	COUNTY ROAD
	TRACKER
	INVERTER SKID
	PLANT INTERNAL ROADS (15')
and the second second	SUBSTATION ACCESS ROAD (25')
222222	WETLAND
	UNDULATED AREA
	TREE SHADING AREA
777775	STORM WATER BASINS
	RESIDENTIAL SETBACK

LEGEND:-	
SYMBOL	DESCRIPTION
	ACCESS GATE
	PROPOSED 138kV GEN-TIE LINE ROUTE
	PROPOSED MV COLLECTION LINE ROUTE
	FLOOD AREA
	NATURAL DRAIN
	COUNTY BOUNDARY LINE
	EXCLUSION AREA
0	PROPOSED GEN TIE STRUCTURE



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\* Tree cutting considered

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DATE	REV.	REVISION HISTORY	DRN. BY	CKD. BY	APPD. BY
2023-12-21	09	LAND BOUNDARY AND CONSTRAINTS REVISED	MA	PS	KP
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2023 <b>-</b> 08 <b>-</b> 29	07	LAND BOUNDARY REVISED	SS	PS	KP
2023 <b>-</b> 05 <b>-</b> 06	06	LAND BOUNDARY REVISED	MA	PS	KP
2023 <b>-</b> 03 <b>-</b> 27	05V02	DC CAPACITY AND GCR REVISED	MA	PS	KP
2022-10-27	04	NEW PARCEL ADDED & AC CAPACITY REVISED	MA	PS	KP
2022-09-07	03	NEW PARCEL ADDED & AC CAPACITY REVISED	MA	PS	KP
2022 <b>-</b> 08-02	02	ATI TRACKER USED	YS	PS	KP
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\* All Dimensions Are in Feet. \* Coordinates System :-UTM84-16N,UTM-WGS 1984 datum, Zone 16 North, Meter; Cent. Meridian 87d W



### NOT FOR CONSTRUCTION



LEGEND:-	
SYMBOL	DESCRIPTION
	SITE BOUNDARY
	SITE FENCE
	PROPOSED 138kV GEN-TIE LINE ROUTE
0	PROPOSED GEN TIE STRUCTURE

\* All Dimensions Are in Feet.

\* Coordinates System :-UTM84-16N,UTM-WGS 1984 datum, Zone 16 North, Meter; Cent. Meridian 87d W \* Tree cutting considered

DATE	REV.	REVISION HISTORY	DRN. BY	CKD. BY	APPD. BY
2023 <b>-</b> 12 <b>-</b> 21	09	LAND BOUNDARY AND CONSTRAINTS REVISED	MA	PS	KP
2023-09-22	08V04	MATTINGLY KEVIN PROPERTY & PINKSTON (KIM) PROPERTY USED	SS	PS	KP
2023 <b>-</b> 08-29	07	LAND BOUNDARY REVISED	SS	PS	KP
2023 <b>-</b> 05 <b>-</b> 06	06	LAND BOUNDARY REVISED	MA	PS	KP
2023-03-27	05V02	DC CAPACITY AND GCR REVISED	MA	PS	KP
2022-10-27	04	NEW PARCEL ADDED & AC CAPACITY REVISED	MA	PS	KP
2022-09-07	03	NEW PARCEL ADDED & AC CAPACITY REVISED	MA	PS	KP
2022-08-02	02	ATI TRACKER USED	YS	PS	KP
2022-07-27	01	WET LAND DELINEATION ADDED	YS	PS	KP
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## PROJECT NAME FRONTIER (FRON)

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## **NOT FOR CONSTRUCTION**

Setback details							
Setback description	Setback value						
Plant property line and fence setback	80'						
Plant fence and array setback	20'						
County road setback	50'						
Residential setback	300'						
Wetland & Natural drain setback	25'						



RESIDENCES



Note:-\* All Dimensions Are in Feet.

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\* Coordinates System :-UTM84-16N,UTM-WGS 1984 datum, Zone 16 North, Meter; Cent. Meridian 87d W \* Tree cutting considered

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023-09-22	08V04	MATTII PINKST	NGLY KEVIN PROPERTY 4 ON (KIM) PROPERTY USE	SS	PS	KP			
023-08-29	07	LAND	BOUNDARY REVISED	SS	PS	KP			
023-05-06	06	LAND	BOUNDARY REVISED	MA	PS	KP			
023 <b>-</b> 03-27	05V02	DC CA	PACITY AND GCR REV	MA	PS	KP			
022-10-27	04	NEW PA	RCEL ADDED & AC CAPACI	MA	PS	KP			
022-09-07	03	NEW PARCEL ADDED & AC CAPACITY REVISED			MA	PS	KP		
022-08-02	02	ATI TRACKER USED			YS	PS	KP		
022-07-27	01	WET LAND DELINEATION ADDED			YS	PS	KP		
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## Request No. 16:

Refer to the SAR, Exhibit A, Preliminary Site Layout. Describe what the "undulated areas" represent on the preliminary site layout plan.

Response No. 16:

Undulated areas consist of gently rolling, closely spaced hills that do not provide ample area for installing solar arrays without significant earth disturbance. The Project is designed to avoid these areas.

Request No. 17:

Refer to the SAR, Exhibit A, Preliminary Site Layout Plan. Explain whether the MV 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. 17:

The MV collection system will be underground for all segments of the Project. SAR, Exhibit A,

Preliminary Site Layout Plan, shows the locations of the MV collection system.

Request No. 18:

Provide the number of miles between the Frontier Solar project and the Northern Bobwhite Solar project in Case No. 2020-00208.

Response No. 18:

Frontier Solar project and Northern Bobwhite Solar project are approximately 5,600 feet (1.06

miles) away from each other at the nearest point.
Request No. 19:

Provide any overlaps in the projected construction schedules of both the Frontier Solar project and the Northern Bobwhite Solar project in Case No. 2020-00208.

Response No. 19:

According to EDF's Northern Bobwhite Solar website, construction will occur in 2024 through 2025, with operations commencing in 2025. However, without confirmation of Northern Bobwhite Solar's construction schedule or more details thereof, Frontier cannot confirm whether and to what extent any construction overlap may occur.

#### Request No. 20:

Refer to the SAR, Exhibit E, Glare Study. Explain whether glare has been considered for both the Frontier Solar project and the Northern Bobwhite Solar project combined instead of on an individual project basis.

#### Response No. 20:

The Project's Glare Study did not consider potential glare from the Northern Bobwhite Solar project in its analysis. Glare is highly localized and diminishes according to the relative position of the viewer. Because Northern Bobwhite Solar is located in excess of one mile from the Project, glare production would be localized to each relative site.

#### Request No. 21:

Explain whether there is concern that, once completed, the Frontier Solar project and the Northern Bobwhite Solar project in Case No. 2020-00208 will produce glare from two sides of the Lebanon-Springfield Airport.

#### Response No. 21:

Please refer to Response No. 20. Glare produced by the Project and the Northern Bobwhite Solar project would be localized to each respective site, and the distances between both projects ensures that cumulative glare impacts will be avoided. Glare effects shift as viewers shift their position relative to the source. For the Project, the Glare Study concluded that pilots on final approach would likely experience only a few moments of glare before the aircraft moves into a position from which glare is no longer visible.

#### Request No. 22:

Provide any communication with Lebanon-Springfield Airport regarding the project.

### Response No. 22:

The Project contacted the Springfield-Lebanon Airport in 2022 to discuss any concerns the airport may have with the proposed solar farm. The Project will engage the Kentucky Department of Aviation upon receipt of the FAA aeronautical study and provide a copy of the same to the Siting Board.

# Request No. 23:

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

#### Response No. 23:

The documents submitted as part of Frontier's application constitute all current documents related

to the Project.

Request No. 24:

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

Response No. 24:

Frontier Solar will coordinate with USFWS regarding protected bat species located on and near

the site once the final amount of proposed tree clearing has been determined.

#### Request No. 25:

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

Response No. 25:

Wetland delineations were completed prior to submittal and are provided on SAR, Exhibit A, Preliminary Site Layout. The Project does not anticipate changes in site layout that would materially alter its impacts to the underlying land or lands and communities within vicinity of the site. Minor changes in the Project's design layout may occur but are not anticipated, and Frontier will submit a final site layout plan to the Siting Board prior to construction.

Request No. 26:

Refer to SAR, Exhibit F: Provide a map showing highlighted routes that will be used during construction. Differentiate between roads and bridges that will and will not be used for deliveries.

Response No. 26:

Please see attached.

Responding Witness: Praneeth Chiguluri, Joseph Albrecht





VR Z:\Shared\GIS\Dev\Projects\America\_North\US\FRON\Pro\FigureX-KYSB-FRON-Access&Bridges-Maps-v02-11x17-P.aprx

#### Request No. 27:

Explain whether Frontier Solar will pursue an Industrial Revenue Bond and Payment In Lieu of Taxes agreement with Marion and Washington Counties. If yes, explain how that might change the cumulative tax revenues of the Project.

#### Response No. 27:

Frontier Solar does not currently intend to pursue an Industrial Revenue Bond or Payment In Lieu

of Taxes agreement with Marion or Washington County.

#### Request No. 28:

Explain whether Frontier 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.

#### Response No. 28:

Frontier Solar will partner with a specialized solar EPC contractor who will be responsible for selecting qualified sub-contractors and laborers to construct the Project. Although labor is included in the EPC contractor's scope of work, Frontier Solar encourages the EPC to incorporate local resources whenever possible. The Project's standard vetting and selection process includes working with its EPC partners on a framework to source and train local labor, which typically includes the EPC hosting local job fairs for individual laborers and vetting processes for local sub-contractors.

#### Request No. 29:

Refer to the Application, Attachment E – Economic Impact Study, sheets 14–17, tables 1–4.

- a. Explain the "job years" metric used for the economic impact of the Construction Phase of the Project and its relation to the number of full-time equivalent jobs that would be created.
- Explain why this same metric was not used for the economic impact of the Operations
  Phase of the Project.

#### Response No. 29:

- a. The number of hours needed for construction divided by the equivalent full-time hours of one work year. In other words, a job year is equal to one job over one year.
- b. During construction partial years are common, and the job years metric is an effort to normalize these figures. However, during operation the jobs' duration is commonly a full year.

Request No. 30:

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

Response No. 30:

Please see attached.



Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community; NAD 1983 StatePlane Kentucky South FIPS 1602 Feet



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#### Request No. 31:

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

#### Response No. 31:

The Project shared preliminary construction noise information during its public information meetings held prior to submitting its application. The public did not have questions or comments about construction noise levels at these meetings and have not subsequently contacted the Project with concerns about construction noise.

Request No. 32:

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

Response No. 32:

Assuming that the Siting Board approves Frontier Solar's application, the Stormwater Pollution

Prevention Plan (SWPPP) will be compiled by the EPC firm prior to construction and will be based

on the final site design.

Responding Witness: Praneeth Chiguluri

Request No. 33:

Provide any geotechnical reports for the project.

Response No. 33:

Due to file size limitations, please Frontier Solar's geotechnical report attached as a separate

document.

Responding Witness: Praneeth Chiguluri

# Request No. 34:

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

Response No. 34:

Applicant is in the process of evaluating potentially responsive documents to this request. A supplement to this response shall be provided within two weeks.

Request No. 35:

Provide the Construction Dust Control Plan for the project.

Response No. 35:

Assuming that the Siting Board approves Frontier Solar's application, the dust control plan will be compiled by the EPC firm prior to construction and will be based on the final site design. Dust impacts will be minimized, and the Project will comply with fugitive dust requirements under 401 KAR 63:010.

Responding Witness: Praneeth Chiguluri

Request No. 36:

Refer to the Application at unnumbered page 21. Provide a copy of the Groundwater Protection Plan.

Response No. 36:

Assuming that the Siting Board approves Frontier Solar's application, the groundwater protection

plan (GPP) will be compiled by the EPC firm prior to construction and will be based on the final

site design.

Responding Witness: Praneeth Chiguluri

#### Request No. 37:

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. 37:

The Project has not been in communication with local emergency services at this time. These activities typically occur once an EPC partner is selected for the Project, as these specialized contractors have established safety programs and their involvement is crucial for effective planning and implementation of such protocols. The Project anticipates selecting an EPC partner in late-2024, at which time the Project will plan to engage in project-specific training for local emergency services and first responders.

Request No. 38:

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

Response No. 38:

The Project's EPC will control site access during construction and Frontier Solar's Operations

Manager and site workers will control site access during Project operations.

#### Request No. 39:

Refer to the SAR, Appendix D, Noise and Traffic Assessment 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. 39:

a. Based on KYTC's Truck Weight Classification on State Maintained Routes, the following weight limits apply: HWY-55 (Lebanon Road) and BG-9002 (Bluegrass Parkway), 80,000 pound weight limit; KY-152, 62,000 pound weight limit; and KY-429, 44,000 pound weight limit. Bridge weight limits are posted on these roadways. All other local roadways: Booker Road (CR-1214), Jackson Branch Lane (CR-1212), McLain Road (CR-1213), and Moraja Lane (PR-1202) are either county roadways or private roadways. Trucks will conform to posted bridge weight limits on these routes and relevant axle weight limits where available; there are no bridges with posted weight limits on these routes in the vicinity of the study area that the developer is aware of at this time, including the two bridges on Booker Rd. Frontier Solar and its EPC will coordinate with Washington and Marion County Road Departments to inventory county road weight limits prior to commencing construction but this will be confirmed by state authorities closer to the delivery date

b. Per SAR Exhibit F, Road Traffic Assessment, Frontier Solar anticipates approximately 100-115 worker vehicles making roundtrips per day during construction.

c. Equipment deliveries will occur on trailers, flatbeds, or other large vehicles at various times during the day. The Project anticipates 10-25 daily round trip truck deliveries.

d. The Project estimates that the weight of its onsite substation transformer will be between 185,000-250,000 pounds, with the expected truck class necessary for this delivery being a Class 8 truck.

\*\*\*\*\*

Responding Witness: Praneeth Chiguluri

Request No. 40:

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

Response No. 40:

The Project anticipates using State Highway 55 (Lebanon Rd.) and BG-9002 (Bluegrass Pkwy.)

for delivery of its onsite substation transformer but the delivery route will be determined by state

authorities closer to the Project's construction date.

#### Request No. 41:

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. 41:

Traffic stoppages are anticipated to accommodate large trucks deliveries, which will mainly utilize appropriately sized state roads and highways to travel to the Project site. Some local county roads are narrow and may require a pull-off by any opposing traffic to allow a wide vehicle to pass by. The Project will work with Marion and Washington County Road Departments to ensure that construction-related traffic resulting from the Project will be minimized and appropriately permitted where necessary.

#### Request No. 42:

Provide any communications with Marion and Washington counties' road department regarding permits or agreements necessary for the project. If no communication has been initiated, explain when that contact will occur.

#### Response No. 42:

Frontier Solar anticipates communications with county road authorities regarding which permits and agreements will be required for the Project to begin in Q2 2024.

#### Request No. 43:

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. 43:

Frontier Solar anticipates communications with state road authorities regarding which permits and agreements will be required for the Project to begin in Q2 2024.

#### Request No. 44:

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

Response No. 44:

At this time, the Project anticipates using solar panels with model number JA Solar JAM72D30-545/MB but the final model of solar panel will be selected closer to the Project's construction date to account for market conditions and potential supply chain impacts. Please see attached for specifications and cutsheet.

# **Harvest the Sunshine**

# 550W MBB Bifacial Mono PERC Half-cell Double Glass Module JAM72D30 525-550/MB Series

#### Introduction

DEEP BLUE 3.0

Assembled with 11BB bifacial PERCIUM cells and half-cell configuration, these double glass modules have the capability of converting the incident light from the rear side together with the front side into electricity, providing higher output power, lower temperature coefficient, less shading loss, as well as enhanced tolerance for mechanical loading.



Higher output power



More reliable, more stable power generation



Less shading effect



Lower temperature coefficient

#### **Superior Warranty**

- 12-year product warranty
- 30-year linear power output warranty



 Bifacial double glass module linear power warranty

#### Standard module linear power warranty

## **Comprehensive Certificates**

- IEC 61215, IEC 61730,UL 61215, UL 61730
- ISO 9001: 2015 Quality management systems
- ISO 14001: 2015 Environmental management systems
- ISO 45001: 2018 Occupational health and safety management systems
- IEC TS 62941: 2016 Terrestrial photovoltaic (PV) modules Guidelines for increased confidence in PV module design qualification and type approval



# **JA**SOLAR

www.jasolar.com Specifications subject to technical changes and tests. JA Solar reserves the right of final interpretation.





# JAM72D30 525-550/MB Series

**SPECIFICATIONS** 

#### **MECHANICAL DIAGRAMS**





15±1
Units: mm 10:1
Short frame
Long frame

Cell	Mono
Weight	31.8kg±3%
Dimensions	2278±2mm×1134±2mm×35±1mm
Cable Cross Section Size	4mm <sup>2</sup> (IEC), 12 AWG(UL)
No. of cells	144(6×24)
Junction Box	IP68, 3 diodes
Connector	QC 4.10-35
Cable Length (Including Connector)	Portrait:300mm(+)/400mm(-); Landscape:1300mm(+)/1300mm(-)
Front Glass/Back Glass	2.0mm/2.0mm
Packaging Configuration	31pcs/Pallet 589pcs/40HQ Container
1	

#### Remark: customized frame color and cable length available upon request

ELECTRICAL PARAMETERS AT STC									
ТҮРЕ	JAM72D30 -525/MB	JAM72D30 -530/MB	JAM72D30 -535/MB	JAM72D30 -540/MB	JAM72D30 -545/MB	JAM72D30 -550/MB			
Rated Maximum Power(Pmax) [W]	525	530	535	540	545	550			
Open Circuit Voltage(Voc) [V]	49.15	49.30	49.45	49.60	49.75	49.90			
Maximum Power Voltage(Vmp) [V]	41.15	41.31	41.47	41.64	41.80	41.96			
Short Circuit Current(Isc) [A]	13.65	13.72	13.79	13.86	13.93	14.00			
Maximum Power Current(Imp) [A]	12.76	12.83	12.90	12.97	13.04	13,11			
Module Efficiency [%]	20.3	20.5	20.7	20.9	21.1	21.3			
Power Tolerance				0~+5W					
Temperature Coefficient of $Isc(\alpha_Isc)$				+0.045%/°C					
Temperature Coefficient of Voc( $\beta$ _Voc)				-0.275%/°C					
Temperature Coefficient of Pmax(y_Pmp)				-0.350%/°C					

STC

Irradiance 1000W/m², cell temperature 25°C, AM1,5G

Remark: Electrical data in this catalog do not refer to a single module and they are not part of the offer. They only serve for comparison among different module types.

ELECTRICAL CHARACTERISTICS WITH 10% SOLAR IRRADIATION RATIO OPERATING CONDITIONS								
TYPE	JAM72D30 -525/MB	JAM72D30 -530/MB	JAM72D30 -535/MB	JAM72D30 -540/MB	JAM72D30 -545/MB	JAM72D30 -550/MB	Maximum System Voltage	1500V DC
Rated Max Power(Pmax) [W]	562	567	572	578	583	589	Operating Temperature	-40°C~+85°C
Open Circuit Voltage(Voc) [V]	49.54	49.67	49.80	49.93	50.03	50.21	Maximum Series Fuse Rating	30A
Max Power Voltage(Vmp) [V]	41.14	41.31	41 <u>.</u> 47	41.65	41.78	41.95	Maximum Static Load,Front* Maximum Static Load,Back*	5400Pa(112 lb/ft²) 2400Pa(50 lb/ft²)
Short Circuit Current(Isc) [A]	14.61	14,68	14.76	14.83	14.91	14,98	NOCT	45±2°C
Max Power Current(Imp) [A]	13.65	13,73	13.80	13.88	13.95	14.03	Bifaciality**	70%±10%
Irradiation Ratio(rear/front)			10%				Fire Performance	UL Type 29

\*For NexTracker installations, Maximum Static Load, Front is 2400Pa while Maximum Static Load, Back is 2400Pa. \*\*Bifaciality=Pmax,rear/Rated Pmax,front

#### CHARACTERISTICS







Current-Voltage Curve JAM72D30-540/MB



#### Request No. 45:

Confirm whether the project 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 battery 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. 45:

Battery storage is not proposed as part of this Project.

#### Request No. 46:

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. 46:

The Project's communication network will include weather stations, trackers, inverters, security systems, and SCADA. Solar inverters are connected via an underground fiber optic network. Fiber optic loops from the inverters will be connected to the SCADA system located in the Project substation. Fiber optic cables will also be connected to the transmission line between the Project substation and point of interconnection.

#### Request No. 47:

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

Response No. 47:

Refer to data request response #4 for construction hours. Applicant is evaluating traffic management strategies to minimize disruptions, but final mitigation strategies will be determined in coordination with the EPC.
## FRON bn, LLC (Frontier Solar) Responses to Siting Board Staff's First Request for Information Case No. 2023-00360

## Request No. 48:

Provide any communication Frontier Solar representatives 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. 48:

Frontier Solar has held two Public Information Meetings where adjacent landowners were invited to review the project and ask questions. No material concerns were raised that would necessitate changes. Additionally, Frontier Solar representatives have spoken to many surrounding landowners about potentially leasing their land for participation in the Project.

## Responding Witness: Joseph Albrecht