Request No. 1:

Provide the anticipated start date and end date of construction.

Response:

Applicant currently anticipates beginning construction in mid-2027 and concluding by the end of 2029. However, these timelines may shift by approximately 6-18 months, depending on MISO interconnection timelines, and procurement delays. Any shift in the timeline, if one occurs, will not change the overall duration of construction.

Responding Witness: Jacqui Kitchen

Request No. 2:

Provide, in detail, the communication and contact that MYSO has had with the owners of the residential structures within 2,000 feet of the Project boundary line in regard to the construction of this project.

Response:

Since mid-2025, Applicant has implemented a tiered outreach program to all adjacent properties with a residence, including a mailed invitation to an August 12, 2025 public information meeting. Following that meeting, Applicant initiated follow up communications to each adjacent non-participating neighbor, offering one-on-one meetings to discuss the Project, setbacks, landscaping, and to review the Good Neighbor Agreement (GNA) option. The Project team then met in person with the majority of these landowners, walked properties where requested, and offered GNAs with interested neighbors. Applicant will continue to provide periodic updates through public materials and direct contacts to ensure residents near the boundary remain informed about construction timing, design refinements, and points of contact throughout development.

Responding Witness: Jacqui Kitchen

Request No. 3:

Provide the noise level for the residences during peak construction for those nearest nonparticipating residences identified as being nearest to the fencing, closest solar panel, closest inverter and both substations.

Response:

Please see the below for estimated noise levels during peak construction as requested. Noise levels were calculated for an individual phase of construction assuming that the pieces of construction equipment associated with the phase will operate simultaneously for the duration of that phase at their maximum noise emission level. Noise would vary depending on multiple factors including location of machinery within the Project, the number of pile drivers being used within a given area, humidity, and wind. Because numerical data would be represented statically in this Response, any modeling based thereon would not accurately capture the dynamic and variable noise levels produced by construction equipment and activities, which fluctuate with the type of construction equipment and/or vehicles used at a given time, the number of equipment and/or vehicles operating simultaneously at a given time, and movement of construction equipment and vehicles throughout the site.

- Fencing: 95 dBA Lmax (R-118,[1] 98 feet);
- Solar panel: 85 dBA Lmax (R-33, 303 feet);
- Inverter: 79 dBA Lmax (R-57, 615 feet); and
- Substation: 67 dBA Lmax (R-138, 2,687 feet).[2]

Responding Witness: Matthew Batdorf

[1] Note Receptor R-118 is a mobile home that was removed and is no longer a residence with a noise sensitive occupant.
[2] Note that the Data Request appears to reference multiple substations, though the Project only contains one substation in its site design. *See generally* Exhibit H (SAR), Attachment A.

Request No. 4:

Provide a chart with the expected noise level during pile driving at each noise receptor within 1,500 feet of the project boundaries.

Response:

See attached. As noted above, noise levels are dynamic and variable, and thus a numerical representation would not accurately capture the sound fluctuations inherent in the operation of construction machinery in a given location. The attached table presents the expected peak and average noise level estimates from pile driving at each noise receptor within 1,500 feet of the Project boundary. Peak noise levels were estimated assuming that all pile driving equipment will operate simultaneously at their maximum noise emission level. Average noise levels were estimated by applying a utilization percentage (percentage of time an individual piece of construction equipment will operate over a one hour period) to each piece of equipment.

Responding Witness: Matthew Batdorf

Noise Levels During Pile Driving for Receptors Within 1,500 of Project Boundary

NSA ID	UTM Coordinates (meters) Zone 16N		Distance to Project Boundary (feet)	Distance to Fence Line (feet)	Site Preparation, Grading, and Excavation (With Pile-driving)		Distance to Closest Panel (feet)	Panel Construction (With Pile-driving)		Distance to Closest Inverter (feet)	Inverter Construction (With Pile-driving)		Distance to Substation Area (feet)	Substation Construction (With Pile-driving)	
	Easting	Northing			Peak (dBA, L_{max})	Average (dBA, L_{eq})		Peak (dBA, L_{max})	Average (dBA, L_{eq})		Peak (dBA, L_{max})	Average (dBA, L_{eq})		Peak (dBA, L_{max})	Average (dBA, L_{eq})
R-15	352024	4080436	1,456	1,655	71	64	1,752	70	63	3,436	64	57	13,780	52	45
R-18	352307	4080509	1,197	1,245	73	66	1,314	73	66	2,784	66	59	13,557	52	46
R-22	351959	4080582	1,034	1,364	72	66	1,450	72	65	2,988	66	59	13,275	53	46
R-27	351642	4080784	1,496	1,879	70	63	1,991	69	62	2,864	66	59	12,660	53	46
R-29	352058	4080787	316	665	79	72	741	78	71	2,288	68	61	12,631	53	46
R-30	351688	4080827	1,307	1,665	71	64	1,779	70	63	2,652	67	60	12,511	53	46
R-32	351893	4080854	649	1,151	74	67	1,189	74	67	2,253	68	61	12,417	53	46
R-33	352549	4080857	85	200	89	82	303	85	79	1,412	72	65	12,521	53	46
R-34	351938	4080904	481	943	76	69	1,007	75	68	2,026	69	62	12,243	53	46
R-35	351716	4080918	1,198	1,381	72	66	1,491	72	65	2,364	68	61	12,216	53	46
R-37	351600	4080916	1,499	1,610	71	64	1,709	70	64	2,572	67	60	12,196	53	46
R-40	351623	4080998	1,336	1,446	72	65	1,535	71	64	2,386	68	61	11,958	54	47
R-41	351535	4081119	1,481	1,577	71	64	1,636	71	64	2,331	68	61	11,597	54	47
R-45	351496	4081198	1,444	1,675	71	64	1,715	70	63	2,186	68	61	11,359	54	47
R-46	351534	4081257	1,247	1,456	72	65	1,507	72	65	1,951	69	62	11,162	54	47

R-47	351270	4081296	1,446	1,810	70	63	1,863	70	63	2,466	67	60	11,153	54	47
R-48	351484	4081317	1,061	1,332	73	66	1,386	72	65	1,907	70	63	10,970	54	47
R-49	351527	4081400	780	1,039	75	68	1,093	74	67	1,617	71	64	10,695	55	48
R-50	351615	4081427	652	805	77	70	855	76	70	1,321	73	66	10,533	55	48
R-51	351544	4081455	582	836	77	70	890	76	69	1,442	72	65	10,497	55	48
R-52	351620	4081485	508	658	79	72	709	78	71	1,205	73	67	10,384	55	48
R-53	351546	4081496	452	725	78	71	779	77	70	1,359	72	66	10,367	55	48
R-54	351622	4081542	306	464	82	75	516	81	74	1,069	75	68	10,179	55	48
R-55	351488	4081551	355	737	78	71	787	77	70	1,430	72	65	10,210	55	48
R-56	351612	4081615	99	306	85	79	360	84	77	986	75	68	9,978	55	48
R-57	352257	4081811	32	127	93	86	311	85	78	615	79	72	9,306	56	49
R-58	352402	4081919	122	262	87	80	314	85	78	840	77	70	8,999	56	49
R-59	352321	4081980	186	268	87	80	475	82	75	914	76	69	8,767	56	49
R-60	351448	4082004	72	796	77	70	853	76	70	1,633	71	64	8,779	56	49
R-61	351539	4082010	68	521	81	74	587	80	73	1,377	72	65	8,708	56	49
R-62	351238	4082073	537	1,501	72	65	1,556	71	64	2,329	68	61	8,687	56	49
R-63	351898	4082070	90	218	88	82	322	85	78	1,021	75	68	8,404	57	50
R-64	351216	4082106	674	1,619	71	64	1,676	71	64	2,454	67	60	8,602	56	49
R-65	351108	4082232	1,197	2,102	69	62	2,164	68	61	2,950	66	59	8,305	57	50
R-67	351067	4082283	1,428	2,317	68	61	2,380	68	61	3,168	65	58	8,191	57	50
R-70	351145	4082356	1,468	2,243	68	61	2,311	68	61	3,100	65	58	7,898	57	50

R-77	350804	4083098	1,471	1,580	71	64	1,692	71	64	2,712	66	60	6,240	59	52
R-78	350872	4083103	1,360	1,463	72	65	1,577	71	64	2,574	67	60	6,103	59	52
R-79	350852	4083133	1,291	1,397	72	65	1,510	72	65	2,521	67	60	6,051	59	53
R-80	350783	4083157	1,356	1,467	72	65	1,577	71	64	2,610	67	60	6,131	59	52
R-81	350831	4083162	1,248	1,357	73	66	1,469	72	65	2,494	67	60	6,021	60	53
R-82	350749	4083170	1,384	1,496	72	65	1,603	71	64	2,640	67	60	6,156	59	52
R-83	350817	4083203	1,168	1,279	73	66	1,388	72	65	2,422	67	60	5,943	60	53
R-84	350992	4083205	924	1,012	75	68	1,125	74	67	2,073	69	62	5,594	60	53
R-85	350729	4083212	1,348	1,461	72	65	1,564	71	64	2,603	67	60	6,105	59	52
R-86	351675	4083204	193	241	88	81	436	82	75	1,394	72	65	4,762	62	55
R-87	350810	4083246	1,069	1,182	74	67	1,288	73	66	2,326	68	61	5,839	60	53
R-88	350926	4083244	840	944	76	69	1,058	75	68	2,065	69	62	5,595	60	53
R-89	350993	4083254	759	850	77	70	964	75	68	1,933	69	62	5,460	60	53
R-90	350727	4083257	1,252	1,365	72	66	1,463	72	65	2,501	67	60	5,989	60	53
R-91	350961	4083253	792	890	76	69	1,005	75	68	1,995	69	62	5,524	60	53
R-92	351014	4083254	751	837	77	70	950	76	69	1,902	70	63	5,425	60	53
R-93	350874	4083257	919	1,029	75	68	1,140	74	67	2,168	68	61	5,693	60	53
R-94	350635	4083267	1,491	1,601	71	64	1,690	71	64	2,716	66	59	6,166	59	52
R-95	351077	4083259	678	791	77	70	855	76	70	1,786	70	63	5,294	61	54
R-96	350661	4083270	1,399	1,510	72	65	1,601	71	64	2,630	67	60	6,090	59	52
R-100	351557	4083284	304	356	84	77	534	81	74	1,429	72	65	4,597	62	55

R-101	350708	4083310	1,216	1,326	73	66	1,415	72	65	2,442	67	60	5,902	60	53
R-102	351523	4083299	358	439	82	76	477	82	75	1,421	72	65	4,578	62	55
R-103	350860	4083316	778	891	76	69	996	75	68	2,035	69	62	5,547	60	53
R-106	350629	4083324	1,418	1,525	72	65	1,607	71	64	2,616	67	60	6,038	60	53
R-107	351607	4083309	123	174	90	84	333	85	78	1,298	73	66	4,473	62	55
R-108	350687	4083322	1,249	1,358	73	66	1,442	72	65	2,461	67	60	5,904	60	53
R-109	351206	4083318	293	390	83	77	448	82	75	1,472	72	65	4,920	61	54
R-111	350921	4083323	634	745	78	71	855	76	70	1,887	70	63	5,409	60	54
R-112	350659	4083327	1,317	1,425	72	65	1,509	72	65	2,525	67	60	5,961	60	53
R-113	351385	4083313	241	322	85	78	400	83	76	1,446	72	65	4,676	62	55
R-114	351243	4083321	266	347	84	78	395	83	76	1,437	72	65	4,852	61	54
R-115	350689	4083386	1,174	1,277	73	66	1,351	73	66	2,347	68	61	5,759	60	53
R-118	351617	4083400	16	98	95	89	305	85	78	967	75	68	4,139	63	56
R-119	352761	4083383	124	569	80	73	758	78	71	1,563	71	64	4,815	61	55
R-120	350674	4083427	1,205	1,303	73	66	1,368	72	65	2,333	68	61	5,704	60	53
R-121	350614	4083426	1,379	1,476	72	65	1,539	71	64	2,491	67	60	5,829	60	53
R-122	350730	4083434	1,012	1,112	74	67	1,181	74	67	2,157	68	61	5,550	60	53
R-123	350661	4083453	1,226	1,320	73	66	1,381	72	65	2,329	68	61	5,667	60	53
R-126	350720	4083467	1,033	1,126	74	67	1,186	74	67	2,139	69	62	5,504	60	53
R-128	350640	4083501	1,287	1,373	72	66	1,422	72	65	2,335	68	61	5,621	60	53
R-129	350701	4083507	1,100	1,184	74	67	1,231	73	66	2,149	68	62	5,464	60	53

R-130	350693	4083534	1,133	1,215	73	67	1,256	73	66	2,150	68	62	5,429	60	53
R-131	350661	4083572	1,236	1,318	73	66	1,351	73	66	2,197	68	61	5,421	60	53
R-132	350586	4083583	1,481	1,562	71	65	1,594	71	64	2,425	67	60	5,594	60	53
R-134	350679	4083668	1,182	1,263	73	66	1,283	73	66	2,055	69	62	5,158	61	54
R-135	350600	4083689	1,443	1,524	72	65	1,546	71	64	2,309	68	61	5,342	61	54
R-138	352508	4083989	831	1,069	75	68	1,164	74	67	2,445	67	60	2,687	67	60
R-156	351012	4085795	146	195	89	83	307	85	78	897	76	69	4,689	62	55
R-157	350970	4086318	258	338	85	78	371	84	77	816	77	70	6,187	59	52
R-158	351013	4086910	1,236	1,316	73	66	1,442	72	65	2,426	67	60	7,867	57	50
R-159	351769	4080912	1,040	1,298	73	66	1,414	72	65	2,285	68	61	12,232	53	46
R-160	351262	4082002	349	1,370	72	66	1,417	72	65	2,165	68	61	8,889	56	49
R-161	351782	4080537	1,492	1,895	70	63	1,974	69	62	3,338	65	58	13,462	53	46
R-162	352086	4080889	3	504	81	74	541	80	74	1,937	69	62	12,292	53	46
R-163	351734	4080812	1,170	1,625	71	64	1,712	70	64	2,611	67	60	12,548	53	46
R-166	350804	4083265	1,035	1,148	74	67	1,253	73	66	2,292	68	61	5,802	60	53
R-167	350764	4083343	999	1,108	74	67	1,196	74	67	2,221	68	61	5,683	60	53
R-168	350687	4083555	1,151	1,233	73	67	1,269	73	66	2,141	69	62	5,396	60	54
R-173	351958	4080909	421	881	76	69	946	76	69	1,993	69	62	12,232	53	46
R-174	352074	4081125	45	320	85	78	355	84	77	1,197	74	67	11,529	54	47
R-175	351544	4081076	1,493	1,595	71	64	1,664	71	64	2,460	67	60	11,754	54	47
R-176	351531	4081199	1,429	1,569	71	64	1,609	71	64	2,124	69	62	11,344	54	47

R-177	350787	4083132	1,399	1,510	72	65	1,620	71	64	2,650	67	60	6,174	59	52
R-178	350697	4083357	1,185	1,291	73	66	1,372	72	65	2,383	68	61	5,816	60	53
R-182	351141	4083301	452	564	80	73	628	79	72	1,591	71	64	5,082	61	54
R-183	351854	4080854	762	1,258	73	66	1,300	73	66	2,304	68	61	12,424	53	46
R-184	351513	4081685	94	554	80	74	586	80	73	1,244	73	66	9,798	55	48
CH-1 (Folsomdale Church)	350584	4083761	507	1,406	72	65	1,520	71	65	2,309	68	61	5,217	61	54
M-1 (Masonic Lodge)	350492	4083902	1,261	1,383	72	66	1,483	72	65	2,307	68	61	5,263	61	54
C-1 (Nall Cemetery)	350901	4086286	1,274	596	80	73	631	79	72	1,013	75	68	6,244	59	52
F-1 (Fire Department)	351634	4080844	1,487	1,746	70	64	1,854	70	63	2,727	66	59	12,470	53	46

Request No. 5:

Describe any specific measures to be taken to reduce noise impacts for nearby residents during construction.

Response:

As noted in section 4.3 of the Acoustic Assessment, SAR Attachment D, the following specific mitigation measures will be implemented: (1) pile-driving activity occurring within 1,500 feet of Noise Sensitive Area (NSA) will implement a construction method that will suppress the noise generated during the pile-driving process (*i.e.*, semi-tractor and canvas method, sound blankets on fencing surrounding the solar site, or any other comparable method); (2) construction equipment will be well-maintained and vehicles using internal combustion engines equipped with mufflers will be routinely checked to ensure they are in good working order; (3) noisy equipment will be located as far from possible from NSAs as practical; and (5) a noise complaint hotline, complaint resolution program, and local representative will be made available to address any noise-related issues.

Responding Witness: Matthew Batdorf

Request No. 6:

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

Response:

Refer to Response Nos. 2 and 5 above. During the discussions with nonparticipating adjacent landowners, questions were raised regarding construction noise. The Applicant described the potential for temporary noise increases resulting from Project construction and the efforts that would be made to mitigate construction noise, as outlined in the Acoustic Assessment.

Responding Witness: Jacqui Kitchen

Request No. 7:

Refer to MYSO's Motion for Deviation. For each residential neighborhood identify the following for each:

Response:

To the extent this Request requires a response, see Response Nos. 8, 9, and 10 below.

Responding Witness: Matthew Batdorf

Request No. 8:

The noise receptors that are homes.

Response:

To the extent the above Request asks to identify the receptors that are residential structures, please see the attached table showing noise receptors that are residences within Neighborhoods 3, 5, 6, 7, 11, 13.

Responding Witness: Matthew Batdorf

Noise Receptor	Residence Type	Neighborhood	Acoustics ID
Residence	Non-Participating	3	R-152
Residence	Non-Participating	3	R-153
Residence	Non-Participating	3	R-154
Residence	Non-Participating	3	R-155
Residence	Non-Participating	5	R-147
Residence	Non-Participating	5	R-148
Residence	Non-Participating	5	R-149
Residence	Non-Participating	5	R-150
Residence	Non-Participating	6	R-141
Residence	Non-Participating	6	R-142
Residence	Non-Participating	6	R-143
Residence	Non-Participating	6	R-144
Residence	Non-Participating	6	R-145
Residence	Non-Participating	6	R-180
Residence	Non-Participating	7	R-101
Residence	Non-Participating	7	R-103
Residence	Non-Participating	7	R-104
Residence	Non-Participating	7	R-105
Residence	Non-Participating	7	R-106
Residence	Non-Participating	7	R-108
Residence	Non-Participating	7	R-110
Residence	Non-Participating	7	R-111
Residence	Non-Participating	7	R-112
Residence	Non-Participating	7	R-115
Residence	Non-Participating	7	R-116
Residence	Non-Participating	7	R-117
Residence	Non-Participating	7	R-120
Residence	Non-Participating	7	R-121
Residence	Non-Participating	7	R-122
Residence	Non-Participating	7	R-123
Residence	Non-Participating	7	R-124
Residence	Non-Participating	7	R-126
Residence	Non-Participating	7	R-127
Residence	Non-Participating	7	R-128
Residence	Non-Participating	7	R-129
Residence	Non-Participating	7	R-130
Residence	Non-Participating	7	R-131
Residence	Non-Participating	7	R-132
Residence	Non-Participating	7	R-133
Residence	Non-Participating	7	R-134
Residence	Non-Participating	7	R-135
Residence	Non-Participating	7	R-167
Residence	Non-Participating	7	R-168

Noise Receptor	Residence Type	Neighborhood	Acoustics ID
Residence	Non-Participating	7	R-169
Residence	Non-Participating	7	R-177
Residence	Non-Participating	7	R-178
Residence	Non-Participating	7	R-75
Residence	Non-Participating	7	R-76
Residence	Non-Participating	7	R-77
Residence	Non-Participating	7	R-78
Residence	Non-Participating	7	R-79
Residence	Non-Participating	7	R-80
Residence	Non-Participating	7	R-81
Residence	Non-Participating	7	R-83
Residence	Non-Participating	7	R-84
Residence	Non-Participating	7	R-87
Residence	Non-Participating	7	R-88
Residence	Non-Participating	7	R-89
Residence	Non-Participating	7	R-90
Residence	Non-Participating	7	R-91
Residence	Non-Participating	7	R-92
Residence	Non-Participating	7	R-93
Residence	Non-Participating	7	R-94
Residence	Non-Participating	7	R-95
Residence	Non-Participating	7	R-96
Residence	Non-Participating	7	R-97
Residence	Non-Participating	7	R-98
Residence	Non-Participating	7	R-99
Residence	Non-Participating	11	R-164
Residence	Non-Participating	11	R-42
Residence	Non-Participating	11	R-43
Residence	Non-Participating	11	R-44
Residence	Non-Participating	11	R-47
Residence	Non-Participating	13	R-10
Residence	Non-Participating	13	R-12
Residence	Non-Participating	13	R-13
Residence	Non-Participating	13	R-14
Residence	Non-Participating	13	R-15
Residence	Non-Participating	13	R-159
Residence	Non-Participating	13	R-16
Residence	Non-Participating	13	R-163
Residence	Non-Participating	13	R-17
Residence	Non-Participating	13	R-171
Residence	Non-Participating	13	R-175
Residence	Non-Participating	13	R-176
Residence	Non-Participating	13	R-19

Noise Receptor	Residence Type	Neighborhood	Acoustics ID
Residence	Non-Participating	13	R-2
Residence	Non-Participating	13	R-20
Residence	Non-Participating	13	R-21
Residence	Non-Participating	13	R-23
Residence	Non-Participating	13	R-24
Residence	Non-Participating	13	R-25
Residence	Non-Participating	13	R-26
Residence	Non-Participating	13	R-27
Residence	Non-Participating	13	R-28
Residence	Non-Participating	13	R-3
Residence	Non-Participating	13	R-30
Residence	Non-Participating	13	R-31
Residence	Non-Participating	13	R-35
Residence	Non-Participating	13	R-36
Residence	Non-Participating	13	R-37
Residence	Non-Participating	13	R-38
Residence	Non-Participating	13	R-39
Residence	Non-Participating	13	R-4
Residence	Non-Participating	13	R-40
Residence	Non-Participating	13	R-41
Residence	Non-Participating	13	R-45
Residence	Non-Participating	13	R-46
Residence	Non-Participating	13	R-48
Residence	Non-Participating	13	R-49
Residence	Non-Participating	13	R-50
Residence	Non-Participating	13	R-51
Residence	Non-Participating	13	R-52
Residence	Non-Participating	13	R-53
Residence	Non-Participating	13	R-54
Residence	Non-Participating	13	R-55
Residence	Non-Participating	13	R-6
Residence	Non-Participating	13	R-7
Residence	Non-Participating	13	R-8
Residence	Non-Participating	13	R-9

Request No. 9:

And of those homes which are participating landowners.

Response:

To the extent the above Request asks which homes within identified residential neighborhoods have executed a lease agreement with the Applicant, and thus become a participating landowner with respect to the Project, no homes within residential neighborhoods are participating landowners.

Responding Witness: Jacqui Kitchen

Request No. 10:

Include whether the participating homeowner is a lessor which lease is applicable. Color code your response for each neighborhood the participating homeowners and include a legend.

Response:

See Response No. 9 above. Because no participating landowner resides within a residential neighborhood, no color-coded chart has been provided.

Responding Witness: Jacqui Kitchen

Request No. 11:

Provide the expected percentage of construction traffic that will utilize each of the construction site entrances. Include in the response separate percentages for delivery traffic and commuting worker traffic by entrance. If this is expected to change during different phases of construction, break the percentages down by construction phase.

Response:

Construction-related traffic (including delivery traffic and commuting worker traffic) is anticipated to be distributed equally across construction site entrances, and thus usage rates may not be accurately predicted or expressed by percentages. In addition, the Project's EPC, as the entity performing the physical construction of the generation facility, will ultimately decide frequency of use of each entrance. No material changes in traffic patterns are expected, as site access points will be used consistently throughout construction.

Responding Witness: Matthew Batdorf

Request No. 12:

Explain whether a power purchase agreement has been finalized. If not, provide a timeline for drafting and finalizing a power purchase agreement.

Response:

The Project is currently being marketed to multiple off-takers and is anticipated to finalize a power purchase agreement by the end of 2026.

Responding Witness: Jacqui Kitchen

Request No. 13:

Provide any updates to vegetative screening plans.

Response:

No updates have been made.

Responding Witness: Jacqui Kitchen

Request No. 14:

Explain what height the trees planted will be at the time of construction.

Response:

The Project's EPC contractor will plant trees near the completion of the overall construction process in order to ensure the trees will sufficiently screen the Project, as built and in accordance with the screening plan attached to Response No. 52 of Siting Board Staff's first data request. Trees planted for vegetative screening will be approximately 4 feet tall at the time of installation.

Responding Witness: Matthew Batdorf

Request No. 15:

Provide a visual rendering(s) of the proposed vegetative screen at the time of planting. If one does not exist for the project, provide visual rendering(s) from other Projects with similar screening and site topography if available.

Response:

Please refer to Response No. 52 to Siting Board Staff's first data request. Visual renderings have not been prepared for the Project, as they were not required as a component of a construction certificate application. However, BrightNight U.S., LLC the sole parent company of MYSO, LLC, has prepared visual renderings for another project outside of the Commonwealth of Kentucky, at a location with similar topography and required as part of that facility's application. Those renderings are attached hereto for reference, and show a reasonable depiction of what visual screening will look like for the Project, including both tree plantings (high density screening) and bushes/shrubs (low density screening).

Responding Witness: Jacqui Kitchen

Example Renderings

Visual Simulations were based on preliminary design and are subject to change based on final design

Visual simulations reflect vegetation at the time of maturity, estimated to be approximately 8 - 10 years following installation.

EXISTING CONDITION

VISUAL SIMULATION

SITE KEY PLAN

PHOTOGRAPH INFORMATION

Location
From Zollman Rd looking Southwest
Date and Time
May 24, 2023, 3:10 PM

Distance to the nearest Project feature
50 ft to perimeter fence

Visual Simulations were based on preliminary design and are subject to change based on final design

Visual simulations reflect vegetation at the time of maturity, estimated to be approximately 8 - 10 years following installation.

EXISTING CONDITION

VISUAL SIMULATION

SITE KEY PLAN

PHOTOGRAPH INFORMATION

Location
From Nabb New Washington Rd W
looking Southeast
Date and Time
May 24, 2023, 8:32 AM

Distance to the nearest Project feature
180 ft to perimeter fence

Visual Simulations were based on preliminary design and are subject to change based on final design

Visual simulations reflect vegetation at the time of maturity, estimated to be approximately 8 - 10 years following installation.

EXISTING CONDITION

VISUAL SIMULATION

SITE KEY PLAN

PHOTOGRAPH INFORMATION

Location
From Tunnel Mill Rd looking Southeast
Date and Time
May 24, 2023, 2:12 PM

Distance to the nearest Project feature
95 ft to perimeter fence

Request No. 16:

Provide what setbacks (in feet) the Project will implement from features such as karst, wetlands, and archeological sites.

Response:

Preliminary geotechnical investigations of the Project site identified no karst features or sinkholes within the Project footprint, so there is no specific numeric karst setback planned at this time. If any karst feature is discovered during construction, it will be treated as a no-disturb area and the design adjusted around it. For water features proximal to the site, the Project will maintain a minimum 25-foot horizontal setback from delineated wetlands and ponds, and 25 feet from streams and scour features. Cultural surveys found no sites listed or eligible for National Register of Historic Places or eligible archaeological sites within proximity to the Project, so there is no fixed archaeological setback. Instead, the Project will avoid known cemeteries and unevaluated loci near creeks and apply a stop-work and agency-consultation protocol if any unanticipated archaeological resources or human remains are encountered.

Responding Witness: Bob Roy

Request No. 17:

Provide information on whether there will be an erosion and sedimentation control plan for the project. If so, provide the plan.

Response:

An erosion and sedimentation control (E&SC) plan will be prepared by the Applicant's EPC contractor as part of the Stormwater Pollution Prevention Plan (SWPPP) for the Project. The E&SC plan is considered a core part of the Project's required SWPPP, which serves as the umbrella stormwater document that incorporates the E&SC drawings, notes, and best management practices to meet the construction stormwater permit requirements.

Responding Witness: Bob Roy

Request No. 18:

Explain any commitments regarding infrastructure removal or land restoration during decommissioning, including in the landowner lease agreements.

Response:

Refer to the Project's Decommissioning Plan, Application Exhibit I, and the lease agreements submitted in response to Request No. 1 to Siting Board Staff's first data request. The Applicant has committed to remove Project facilities at the end of its useful life and restore the underlying land contours and vegetative cover to a substantially similar state to its preconstruction condition. The landowner lease agreements for participating parcels, as previously provided, similarly require the Applicant to decommission the Project at the end of the lease term, remove Project infrastructure, and reclaim disturbed areas in accordance with any conditions of the Siting Board's construction certificate.

Responding Witness: Jacqui Kitchen

Request No. 19:

Provide the name of the company that will employ the individuals that are or will be responsible for ensuring compliance with the statements in the Application, as well as any conditions imposed by the Siting Board during construction and operation of the project.

Response:

BrightNight Management Co, LLC will be the entity employing the individuals responsible for ensuring compliance with statements in the Application and conditions imposed by the Siting Board during the Project's construction phase.

Responding Witness: Jacqui Kitchen

Request No. 20:

Refer to MYSO's response to Siting Board Staff's First Request for Information (Staff's First Request), Item 24. Provide the requested detailed description and schedule of construction activities. Include the estimated duration and anticipated timeframe for each task from site preparation through commissioning.

Response:

Please see the below schedule. Tasks noted with an asterisk indicate peak construction.

Task	Estimated Duration	Anticipated Timeframe
Permitting & Approvals	15 months	March 2026-June 2027
EPC Selection & Contracting	16 months	May 2026-September 2027
Final Engineering	8 months	November 2026-July 2027
Procurement (Long Lead Equipment)	24-30 months	October 2025-July 2028
Site Preparation & Civil Works	12 months	September 2027-August 2028
Pile Installation*	6 months	April 2028-October 2028
Racking Installation*	6 months	May 2028-October 2028
Module Installation*	6 months	May 2028-October 2028
Substation Construction	12 months	July 2028-June 2029
BESS Installation	18-22 months	February 2028-December 2029
Commissioning & Testing	12 months	October 2028-October 2029

Responding Witness: Jacqui Kitchen

Request No. 21:

Refer to MYSO's response to Staff's First Request, Item 62. Provide the documents describing the complaint resolution programs developed for Case No. 2024- 00255 STMO, BN, LLC and Case No. 2023-00360 Frontier Solar and provide written materials describing the proposed complaint resolution program for the MYSO Project.

Response:

The Complaint Resolution Plan prepared for Frontier (Case No. 2023-00360) is attached hereto for reference. No plan has been prepared for STMO BN, LLC at this time. A plan similar to Frontier's will be prepared for the Mayfield Solar Project prior to commencing construction.

Responding Witness: Jacqui Kitchen

January 20, 2025

Notice of Construction and Complaint Resolution Program

Dear Neighbor,

This letter is being provided to properties within 2,400 feet of the Frontier Solar project boundary. The purpose of this notice is to inform you of a planned construction start in approximately 30 days and to summarize the forthcoming Construction Plan, the potential for construction-related noise, and associated mitigation practices. BrightNight has established a Complaint Resolution Program to address any concerns that may arise. This Complaint Resolution Plan is on file with the Kentucky State Siting Board.

Construction Plan

Construction at Frontier Solar will proceed in phases typical of a utility-scale solar facility, including:

- Site preparation and limited grading
- Driven pile and racking installation
- Module installation
- Electrical collection and interconnection activities
- Commissioning

The overall construction timeline is expected to be approximately 18 months, occurring in phases. Noise-generating construction work will occur only between **8:00 a.m. and 6:00 p.m. local time, Monday through Friday**. Non-noise-generating activities such as site visits, surveying, and vegetation management may occur outside these hours.

Noise and Mitigation

Intermittent noise may occur during construction, including limited periods of pile driving and equipment operation. To limit community impacts, industry-standard practices will be applied, including:

- Conducting higher-noise activities during daytime hours
- Maintaining equipment in good working order
- Sequencing tasks to avoid prolonged localized impacts

Additional reasonable measures may be implemented as conditions warrant to further reduce potential disturbances.

Complaint Resolution Program

A formal **Complaint Resolution Program** is in place to receive, track, and address community concerns throughout construction. Below are points of contact for the project:

General Email: development@brightnightpower.com

Construction Manager
Joe Steichen, Senior Construction Manager
Email: Joe.Steichen@brightnightpower.com
Phone: (561) 594-3235

Project Manager
Sebastian Mejia, Project Manager
Email: Sebastian.Mejia@brightnightpower.com
Phone: (714) 873-7044

Process: Complaints will be logged, acknowledged promptly, investigated, and resolved or otherwise responded to with appropriate follow-up communication. Records of complaints and responses will be maintained for the duration of construction.

BrightNight values the input and feedback of the communities in which we operate. Our goal is to address any issues that arise during the development, construction, and operation of our projects in a transparent and efficient manner. We are committed to working collaboratively with community members to resolve complaints and continuously improve our operations.

Sincerely,

BrightNight Power & Frontier Solar

Request No. 22:

Refer to MYSO's Motion for Deviation and Site Assessment Report, Attachment F, Traffic Analysis. Provide the number of staff anticipated on site during Project operations.

Response:

During operations, the Project expects one daily onsite staff member and up to three additional employees as needed that will make site visits according to the long-term service agreement's maintenance plan.

Responding Witness: Matthew Batdorf

Request No. 23:

Provide the timing and frequency of maintenance activities during Project operations. Include the number of days per year and timing for any anticipated evening maintenance.

Response:

Routine preventive maintenance on inverters, trackers, electrical equipment, and the BESS (if constructed) will generally be scheduled on weekdays, with technicians onsite approximately 260 days per year. Vegetation management and access road upkeep are anticipated to occur multiple times per growing season, while module and inverter inspections and testing will typically occur quarterly, supplemented by manufacturer-recommended preventive maintenance under long-term service agreements. All such routine work will be planned to occur between approximately 7:00 a.m. and 6:00 p.m., avoiding evenings and nights except when necessary to maintain facility safety or reliability. Evening maintenance (after 7:00 p.m.) is expected to be infrequent and limited primarily to planned outages or corrective work that must be performed outside of peak daytime production hours, such as certain BESS or inverter testing and software updates. The Applicant currently estimates evening maintenance would occur approximately 10 to 15 days per year and would consist mainly of low-noise activities (switching, testing, and inspections) rather than construction type work, and will be scheduled to comply with all applicable noise and operating hour commitments.

Responding Witness: Jacqui Kitchen

Request No. 24:

Provide an explanation of the elements that MYSO will consider in making a decision on whether the Project will include the proposed BESS units, and where the Applicant currently stands with respect to this decision.

Response:

At this time, Applicant has not yet made a final investment decision on whether the Mayfield Solar Project will include the proposed BESS units as part of the initial build. However, the Project has been designed on the assumption that a co-located BESS may be constructed, so that storage can be added without revisiting fundamental siting conclusions or increasing impacts beyond those already evaluated by the Siting Board. Applicant is actively marketing its generation capacity to potential off-takers in multiple configurations, including standalone solar and solar-plus-storage options in which the BESS provides up to four hours of discharge duration alongside the solar facility. Inclusion of the BESS provides firm, dispatchable capacity and ancillary services which may be attractive to some off-takers. Specifically, an off-taker may want a co-located BESS facility because it reduces a solar facility's intermittency, thereby allowing the buyer to shape deliveries into evening and peak hours when electricity load is highest. Accordingly, the Applicant expects to include the BESS if a long-term offtake structure that values storage is executed.

Responding Witness: Jacqui Kitchen

Request No. 25:

Provide an approximate number of BESS units that will be installed within the Project BESS area.

Response:

Mayfield Solar has not yet executed a final supply agreement for a specific BESS model. A final unit count will be available once the vendor is selected.

Responding Witness: Ryan Turner

Request No. 26:

Provide the plan for replacing BESS units after its 15–20-year useful life, including duration, trucks, manpower requirement for the replacement process.

Response:

If battery storage is used, the Applicant intends on augmenting the BESS facility with additional battery units, thereby extending the useful life of the BESS facility to approximately 40 years, and decommission the BESS facility in parallel with the generation facility. The detailed outage duration, number of trucks, and crew sizes will be finalized closer to the planned augmentation date based on available BESS technology, the facility's operating history, and then-current regulatory requirements.

Responding Witness: Ryan Turner

Request No. 27:

Refer to MYSO's response to Staff's First Request, Item 2. Provide the number of residential structures owned by landowners who have signed Good Neighbor Agreements.

Response:

To the Project's knowledge, the landowners who have signed Good Neighbor Agreements collectively own a minimum of nine residential structures.

Responding Witness: Jacqui Kitchen

Request No. 28:

Refer to MYSO's response to Staff's First Request, Item 2.

Response:

See Response No. 29.

Responding Witness: Jacqui Kitchen

Request No. 29:

Explain the process for selecting the nine properties with Good Neighbor Agreements.

Response:

The Applicant identified roughly 19 adjacent non-participating neighbors and contacted each to offer a Good Neighbor Agreement in a one-on-one discussion. Ten neighbors accepted the offer to meet and nine GNAs were ultimately signed. The remaining neighbor that did not enter into a GNA verbally indicated he was not opposed to the Project and did not need an agreement.

Responding Witness: Jacqui Kitchen

Request No. 30:

Explain why other nearby landowners are not included in those agreements, including R-56, R-63, R-86, R-100, R-102, and R-114.

Response:

These landowners chose not to enter into a GNA with the Project.

Responding Witness: Jacqui Kitchen

Request No. 31:

Refer to MYSO's response to Staff's First Request, Item 2. Explain the benefits to MYSO and, separately, the specific benefits to the landowners from participating in the Good Neighbor Agreements.

Response:

For the Applicant, the Good Neighbor Agreements reduce development and permitting risk by formalizing setbacks, landscaping, and communication commitments with the most directly affected neighbors, thereby strengthening relationships with local officials and economic development partners. For landowners, the GNAs establish minimum setbacks from residences, require vegetative screening and ongoing maintenance, and provide direct access to the Applicant's project team, while also offering financial consideration in exchange for construction-related inconvenience and changes to viewsheds.

Responding Witness: Jacqui Kitchen

Request No. 32:

Refer to MYSO's response to Staff's First Request, Item 2. Explain whether landowners who have signed Good Neighbor Agreements are able to participate in the Project's complaint resolution process.

Response:

BrightNight's complaint resolution framework is designed to be available to all community members and workers at no cost, regardless of whether they are participating landowners, GNA signatories, or non-participating neighbors.

Responding Witness: Jacqui Kitchen

Request No. 33:

Refer to MYSO's response to Staff's First Request, Item 9. Explain whether any non-residential structures located within the Project area will be removed prior to construction.

Response:

At this time, Applicant is not aware of any non-residential structures within the Project area that will be removed prior to commencing construction.

Responding Witness: Jacqui Kitchen

Request No. 34:

Confirm the statement made during the Site Visit that R-118 was a mobile home that has been removed and will not be rebuilt. If not confirmed, explain the response.

Response:

The owner of the mobile home denoted as R-118 in the Project's Acoustics Assessment represented to Project team members that the mobile home was removed and, upon the Applicant's knowledge and belief, there are currently no plans for its replacement. The site was included in the noise and glare analyses as a potential receptor to capture the structure in the event it is rebuilt or replaced in the future.

Responding Witness: Jacqui Kitchen

Request No. 35:

Refer to Application, SAR Attachment D, Acoustic Analysis. Provide the construction activities included in the "Panel Construction" column of Table A-1.

Response:

Panel construction will involve the installation of the solar panel racking system. Construction equipment modeled for this work stage include a pile driver, cement truck, cement mixer, crane, and a loader.

Responding Witness: Matthew Batdorf

Request No. 36:

Refer to MYSO's response to Staff's First Request, Item 7. Provide an updated table that includes Residential Structure R-166 and the omitted residence located at 5601 KY-1241.

Response:

See attached. The previously omitted structure located at 5601 KY-1241 (R-184) was added. R-166 was determined to be a commercial building (Hoskins Bar-B-Que) that no longer exists as of February 2026.

Responding Witness: Matthew Batdorf

Residential Structures Within 2,000 Feet						
Residential Structure Number	Acoustics ID	Category	Distance to Project Boundary (Feet)	Distance to Panel (Feet)	Distance to Inverter (Feet)	Distance to Substation (Feet)
1	R-1	Non-Participating	1,907	2,030	3,288	14,285
2	R-2	Non-Participating	1,868	2,129	3,845	14,195
3	R-3	Non-Participating	1,915	2,302	3,864	14,095
4	R-4	Non-Participating	1,861	2,227	3,823	14,085
5	R-5	Non-Participating	1,733	1,849	3,249	14,093
6	R-6	Non-Participating	1,720	2,051	3,696	14,004
7	R-7	Non-Participating	1,871	2,287	3,795	13,985
8	R-8	Non-Participating	1,817	2,214	3,760	13,984
9	R-9	Non-Participating	1,935	2,369	3,836	13,984
10	R-10	Non-Participating	1,759	2,137	3,717	13,973
11	R-11	Non-Participating	1,786	1,936	3,157	14,502
12	R-12	Non-Participating	1,872	2,322	3,751	13,872
13	R-13	Non-Participating	1,722	2,135	3,655	13,868
14	R-14	Non-Participating	1,808	2,273	3,667	13,771
15	R-15	Non-Participating	1,457	1,752	3,436	13,780
16	R-16	Non-Participating	1,770	2,244	3,612	13,700
17	R-17	Non-Participating	1,884	2,382	3,656	13,652
18	R-18	Non-Participating	1,197	1,314	2,785	13,557
19	R-19	Non-Participating	1,851	2,371	3,533	13,446
20	R-20	Non-Participating	1,598	2,100	3,380	13,429
21	R-21	Non-Participating	1,612	2,126	3,348	13,354
22	R-22	Non-Participating	1,034	1,450	2,989	13,275
23	R-23	Non-Participating	1,779	2,316	3,344	13,173
24	R-24	Non-Participating	1,532	2,062	3,194	13,157
25	R-25	Non-Participating	1,759	2,300	3,258	13,036
26	R-26	Non-Participating	1,508	2,048	3,087	12,997
27	R-27	Non-Participating	1,496	1,991	2,865	12,660
28	R-28	Non-Participating	1,905	2,263	3,132	12,686
29	R-29	Non-Participating	316	741	2,288	12,631
30	R-30	Non-Participating	1,307	1,779	2,652	12,511
31	R-31	Non-Participating	1,793	2,070	2,936	12,493
33	R-33	Non-Participating	85	303	1,412	12,521
34	R-34	Non-Participating	481	1,007	2,026	12,243
35	R-35	Non-Participating	1,198	1,491	2,364	12,216
36	R-36	Non-Participating	1,712	1,913	2,765	12,220
37	R-37	Non-Participating	1,499	1,709	2,572	12,197
38	R-38	Non-Participating	1,746	1,940	2,778	12,135
39	R-39	Non-Participating	1,653	1,841	2,671	12,011
40	R-40	Non-Participating	1,336	1,535	2,386	11,958

Residential Structures Within 2,000 Feet						
Residential Structure Number	Acoustics ID	Category	Distance to Project Boundary (Feet)	Distance to Panel (Feet)	Distance to Inverter (Feet)	Distance to Substation (Feet)
41	R-41	Non-Participating	1,481	1,636	2,331	11,598
42	R-42	Non-Participating	1,700	2,081	2,637	11,503
43	R-43	Non-Participating	1,858	2,265	2,850	11,554
44	R-44	Non-Participating	1,604	1,970	2,510	11,448
45	R-45	Non-Participating	1,444	1,715	2,187	11,360
46	R-46	Non-Participating	1,247	1,507	1,951	11,162
47	R-47	Non-Participating	1,446	1,863	2,466	11,153
48	R-48	Non-Participating	1,061	1,386	1,907	10,970
49	R-49	Non-Participating	780	1,093	1,618	10,695
50	R-50	Non-Participating	652	855	1,321	10,534
51	R-51	Non-Participating	582	890	1,442	10,497
52	R-52	Non-Participating	508	709	1,205	10,384
53	R-53	Non-Participating	452	779	1,359	10,368
54	R-54	Non-Participating	306	516	1,069	10,179
55	R-55	Non-Participating	355	787	1,430	10,211
56	R-56	Non-Participating	99	360	986	9,978
57	R-57	Non-Participating	32	311	615	9,306
58	R-58	Non-Participating	122	314	840	8,999
59	R-59	Non-Participating	186	475	914	8,767
60	R-60	Non-Participating	72	853	1,633	8,779
61	R-61	Non-Participating	68	587	1,377	8,708
62	R-62	Non-Participating	537	1,556	2,329	8,687
63	R-63	Non-Participating	90	322	1,021	8,404
64	R-64	Non-Participating	675	1,676	2,454	8,602
65	R-65	Non-Participating	1,197	2,164	2,950	8,305
67	R-67	Non-Participating	1,428	2,380	3,168	8,191
68	R-68	Non-Participating	1,930	2,942	3,723	8,371
69	R-69	Non-Participating	1,561	2,479	3,269	8,042
70	R-70	Non-Participating	1,468	2,311	3,100	7,898
71	R-71	Non-Participating	1,866	2,819	3,608	8,065
72	R-72	Non-Participating	1,943	2,840	3,630	7,824
73	R-73	Non-Participating	1,878	2,719	3,506	7,680
74	R-74	Non-Participating	1,720	1,878	2,891	6,345
75	R-75	Non-Participating	1,800	2,014	2,985	6,506
76	R-76	Non-Participating	1,582	1,801	2,805	6,334
77	R-77	Non-Participating	1,471	1,692	2,712	6,241
78	R-78	Non-Participating	1,360	1,577	2,574	6,103
79	R-79	Non-Participating	1,291	1,510	2,521	6,051
80	R-80	Non-Participating	1,356	1,577	2,610	6,132

Residential Structures Within 2,000 Feet						
Residential Structure Number	Acoustics ID	Category	Distance to Project Boundary (Feet)	Distance to Panel (Feet)	Distance to Inverter (Feet)	Distance to Substation (Feet)
81	R-81	Non-Participating	1,248	1,469	2,494	6,021
83	R-83	Non-Participating	1,168	1,388	2,422	5,943
84	R-84	Non-Participating	924	1,125	2,073	5,594
86	R-86	Non-Participating	193	436	1,394	4,762
87	R-87	Non-Participating	1,069	1,288	2,326	5,839
88	R-88	Non-Participating	840	1,058	2,066	5,595
89	R-89	Non-Participating	759	964	1,933	5,460
90	R-90	Non-Participating	1,252	1,463	2,501	5,989
91	R-91	Non-Participating	792	1,005	1,995	5,524
92	R-92	Non-Participating	751	950	1,902	5,425
93	R-93	Non-Participating	919	1,140	2,168	5,693
94	R-94	Non-Participating	1,491	1,690	2,716	6,166
95	R-95	Non-Participating	678	855	1,786	5,294
96	R-96	Non-Participating	1,399	1,601	2,630	6,090
97	R-97	Non-Participating	1,912	2,098	3,097	6,481
98	R-98	Non-Participating	1,734	1,923	2,930	6,337
99	R-99	Non-Participating	1,554	1,748	2,766	6,200
100	R-100	Non-Participating	304	534	1,429	4,597
101	R-101	Non-Participating	1,216	1,415	2,442	5,902
102	R-102	Non-Participating	358	477	1,421	4,578
103	R-103	Non-Participating	778	996	2,035	5,547
104	R-104	Non-Participating	1,525	1,710	2,713	6,119
105	R-105	Non-Participating	1,605	1,787	2,784	6,178
106	R-106	Non-Participating	1,418	1,607	2,616	6,038
107	R-107	Non-Participating	123	333	1,298	4,473
108	R-108	Non-Participating	1,250	1,443	2,461	5,904
109	R-109	Non-Participating	293	448	1,472	4,920
110	R-110	Non-Participating	1,717	1,897	2,888	6,267
111	R-111	Non-Participating	634	855	1,887	5,409
112	R-112	Non-Participating	1,317	1,509	2,525	5,961
113	R-113	Non-Participating	241	400	1,446	4,676
114	R-114	Non-Participating	266	395	1,437	4,852
115	R-115	Non-Participating	1,174	1,351	2,347	5,759
116	R-116	Non-Participating	1,895	2,051	2,989	6,273
117	R-117	Non-Participating	1,553	1,713	2,663	5,985
118	R-118	Non-Participating	16	305	967	4,140
119	R-119	Non-Participating	124	758	1,563	4,815
120	R-120	Non-Participating	1,205	1,368	2,333	5,704
121	R-121	Non-Participating	1,380	1,539	2,491	5,830

Residential Structures Within 2,000 Feet						
Residential Structure Number	Acoustics ID	Category	Distance to Project Boundary (Feet)	Distance to Panel (Feet)	Distance to Inverter (Feet)	Distance to Substation (Feet)
122	R-122	Non-Participating	1,012	1,181	2,157	5,550
123	R-123	Non-Participating	1,226	1,381	2,329	5,667
124	R-124	Non-Participating	1,667	1,808	2,719	5,971
126	R-126	Non-Participating	1,033	1,186	2,139	5,505
127	R-127	Non-Participating	1,534	1,672	2,579	5,842
128	R-128	Non-Participating	1,288	1,422	2,335	5,621
129	R-129	Non-Participating	1,100	1,231	2,149	5,464
130	R-130	Non-Participating	1,133	1,256	2,150	5,429
131	R-131	Non-Participating	1,236	1,351	2,197	5,421
132	R-132	Non-Participating	1,481	1,594	2,425	5,594
133	R-133	Non-Participating	1,571	1,676	2,471	5,566
134	R-134	Non-Participating	1,182	1,283	2,055	5,159
135	R-135	Non-Participating	1,443	1,546	2,309	5,343
136	R-136	Non-Participating	1,562	1,799	2,684	5,555
137	R-137	Non-Participating	1,714	1,898	2,500	5,656
138	R-138	Non-Participating	831	1,164	2,445	2,687
139	R-139	Non-Participating	1,834	1,994	2,478	5,703
140	R-140	Non-Participating	1,881	2,182	2,531	5,813
141	R-141	Non-Participating	1,950	2,293	2,659	5,971
142	R-142	Non-Participating	1,934	2,289	2,668	5,994
143	R-143	Non-Participating	1,894	2,260	2,651	5,980
144	R-144	Non-Participating	1,583	1,956	2,358	5,684
145	R-145	Non-Participating	1,596	1,974	2,384	5,701
147	R-147	Non-Participating	1,925	2,208	2,855	6,013
148	R-148	Non-Participating	1,830	2,056	2,882	5,971
149	R-149	Non-Participating	1,833	2,037	2,983	6,072
150	R-150	Non-Participating	1,779	1,968	2,899	6,050
151	R-151	Non-Participating	1,672	1,768	2,652	5,990
152	R-152	Non-Participating	1,954	2,029	2,878	6,322
153	R-153	Non-Participating	1,968	2,044	2,893	6,360
154	R-154	Non-Participating	1,976	2,046	2,909	6,394
155	R-155	Non-Participating	1,664	1,744	2,615	6,349
156	R-156	Participating Landowner	146	307	897	4,689
157	R-157	Participating Landowner (but parcel not part of Project)	258	371	816	6,187
158	R-158	Non-Participating	1,236	1,442	2,426	7,867
159	R-159	Non-Participating	1,040	1,414	2,285	12,232
160	R-160	Non-Participating	349	1,417	2,165	8,889

Residential Structures Within 2,000 Feet						
Residential Structure Number	Acoustics ID	Category	Distance to Project Boundary (Feet)	Distance to Panel (Feet)	Distance to Inverter (Feet)	Distance to Substation (Feet)
162	R-162	Non-Participating	3	541	1,937	12,293
163	R-163	Non-Participating	1,170	1,712	2,611	12,549
164	R-164	Non-Participating	1,738	2,170	2,789	11,300
165	R-165	Non-Participating	1,612	2,450	3,238	7,799
167	R-167	Non-Participating	999	1,196	2,221	5,684
168	R-168	Non-Participating	1,151	1,270	2,141	5,396
169	R-169	Non-Participating	1,582	1,702	2,561	5,747
170	R-170	Non-Participating	1,885	2,045	2,481	5,727
171	R-171	Non-Participating	1,672	1,954	3,651	13,996
174	R-174	Non-Participating	45	355	1,197	11,529
175	R-175	Non-Participating	1,493	1,664	2,460	11,754
176	R-176	Non-Participating	1,429	1,609	2,124	11,344
177	R-177	Non-Participating	1,399	1,620	2,650	6,174
178	R-178	Non-Participating	1,185	1,372	2,383	5,816
180	R-180	Non-Participating	1,958	2,335	2,744	6,062
182	R-182	Non-Participating	452	628	1,591	5,083
184	R-184	Non-Participating	94	586	1,244	9,798

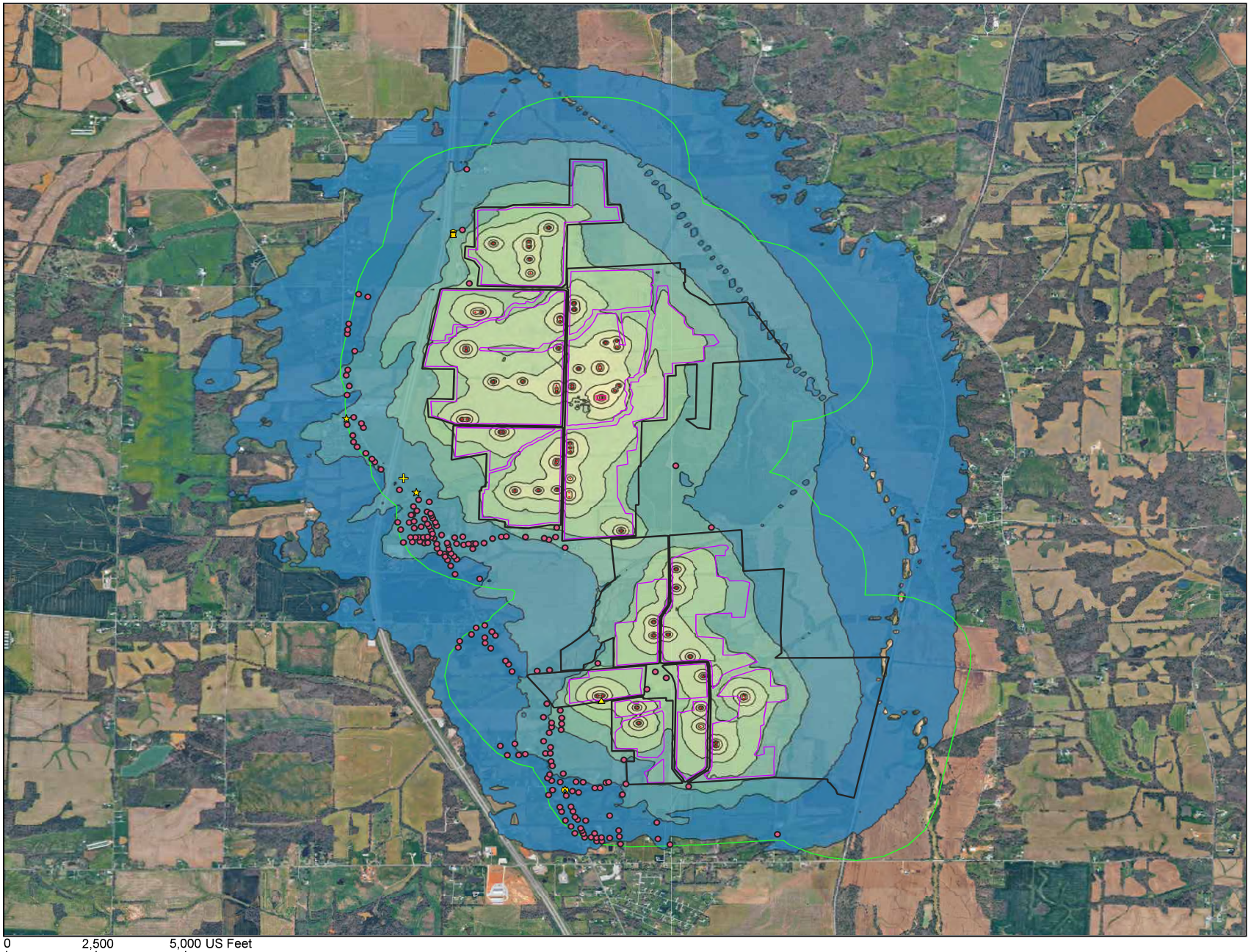
Request No. 37:

Refer to Application, SAR, Attachment D, Acoustic Analysis. Provide updated Figure-1 maps that reflect the revised list of Residential Structures from MYSO's response to Staff's First Request, Item 7. Include the following receptors on the updated maps that are not included in the "Residential Structures Within 2,000 Feet" Table: R-166, the omitted residence located at 5601 KY-1204, CH-1, CH-2, F-1, M-1, and C-1.

Response:

Please see the map set attached hereto and the tables attached to Response Nos. 3 and 40. The referenced maps set and tables have been updated to include receptor R-166 and the omitted residence located at 5601 KY-1204, identified as R-184.

Responding Witness: Matthew Batdorf



0 2,500 5,000 US Feet

Mayfield Solar
Graves County, Kentucy

Received Sound Levels (Overview)

LEGEND

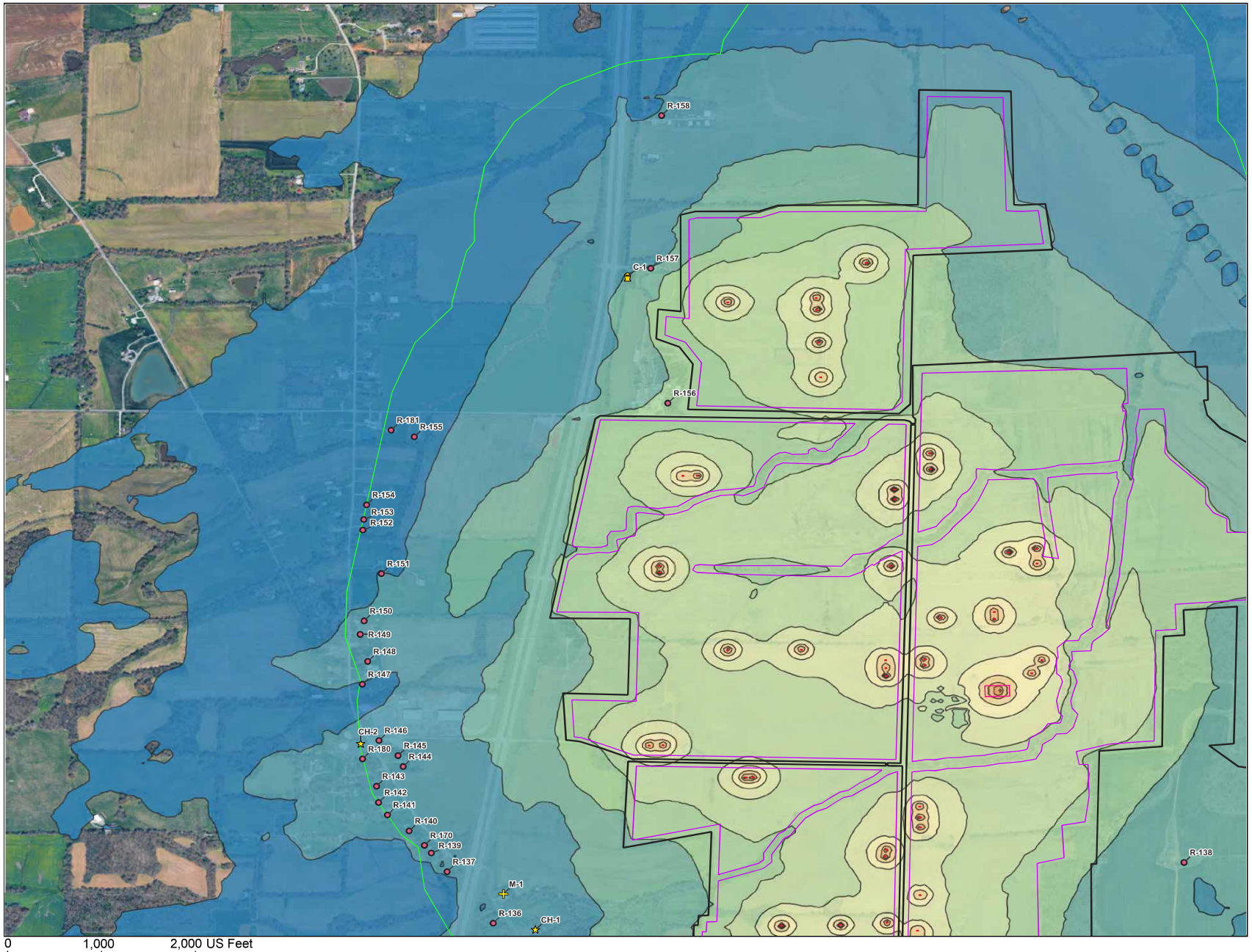
- Project Boundary
- Project Fence Line
- Substation
- 2,000 Foot Buffer
- Inverter Skid
- Residence
- Masonic Lodge
- Cemetery
- Fire Station
- Church
- Boundary Receptor (Loudest Boundary Point)

Received Sound Levels (dBA Ldn)

- 35 - 40
- 40 - 45
- 45 - 50
- 50 - 55
- 55 - 60
- 60 - 65
- 65 - 70
- 70 - 75
- 75 - 80
- 80 - 85
- 85 - 90

Data Sources:
Google Aerial Imagery

Prepared for: MYSO, LLC
Prepared by: Tetra Tech



Mayfield Solar
Graves County, Kentucy

Received Sound Levels (Zoomed-A)

LEGEND

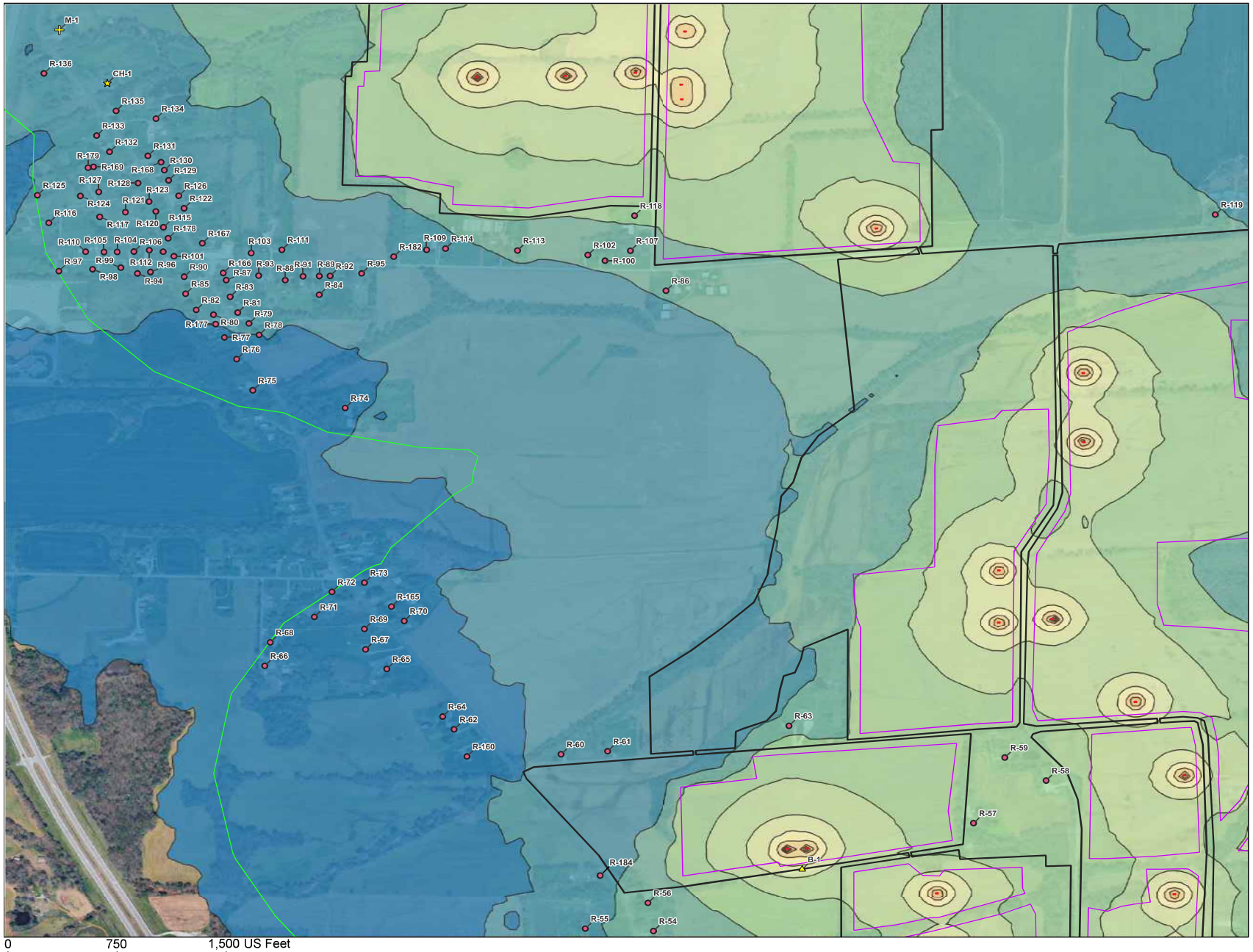
- Project Boundary
- Project Fence Line
- Substation
- 2,000 Foot Buffer
- Inverter Skid
- Residence
- Masonic Lodge
- Cemetery
- Fire Station
- Church
- Boundary Receptor (Loudest Boundary Point)

Received Sound Levels (dBA Ldn)

- 35 - 40
- 40 - 45
- 45 - 50
- 50 - 55
- 55 - 60
- 60 - 65
- 65 - 70
- 70 - 75
- 75 - 80
- 80 - 85
- 85 - 90

Data Sources:
Google Aerial Imagery

Prepared for: MYSO, LLC
Prepared by: Tetra Tech



Mayfield Solar
Graves County, Kentucy

Received Sound Levels (Zoomed-B)

LEGEND

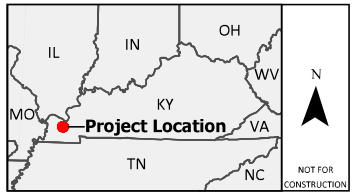
- Project Boundary
- Project Fence Line
- Substation
- 2,000 Foot Buffer
- Inverter Skid
- Residence
- Masonic Lodge
- Cemetery
- Fire Station
- Church
- Boundary Receptor (Loudest Boundary Point)

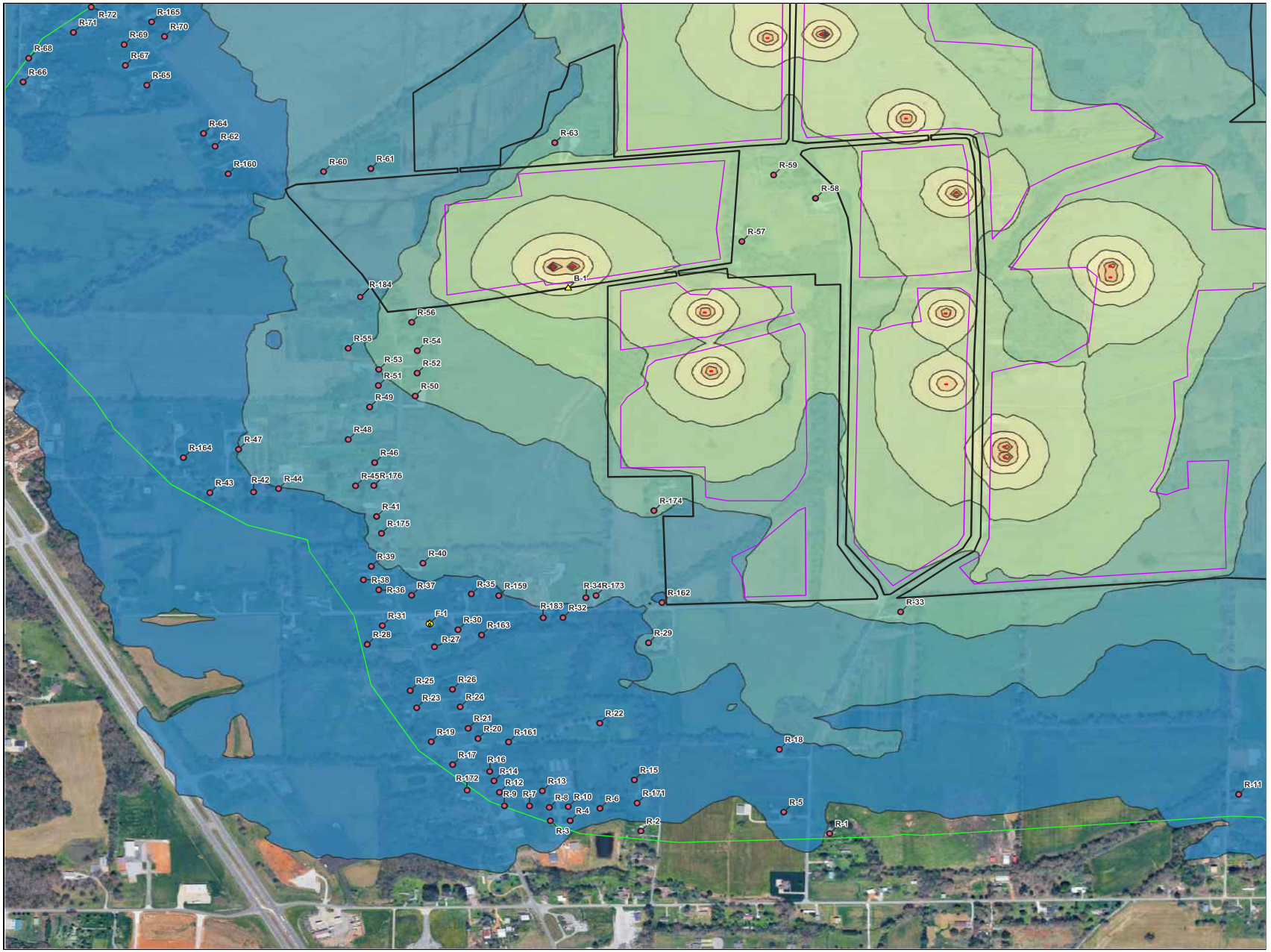
Received Sound Levels (dBA Ldn)

- 35 - 40
- 40 - 45
- 45 - 50
- 50 - 55
- 55 - 60
- 60 - 65
- 65 - 70
- 70 - 75
- 75 - 80
- 80 - 85
- 85 - 90

Data Sources:
Google Aerial Imagery

Prepared for: MYSO, LLC
Prepared by: Tetra Tech





0 750 1,500 US Feet

Mayfield Solar
Graves County, Kentucy

Received Sound Levels (Zoomed-C)

LEGEND

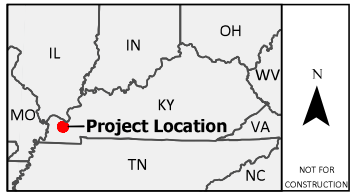
- Project Boundary
- Project Fence Line
- Substation
- 2,000 Foot Buffer
- Inverter Skid
- Residence
- Masonic Lodge
- Cemetery
- Fire Station
- Church
- Boundary Receptor (Loudest Boundary Point)

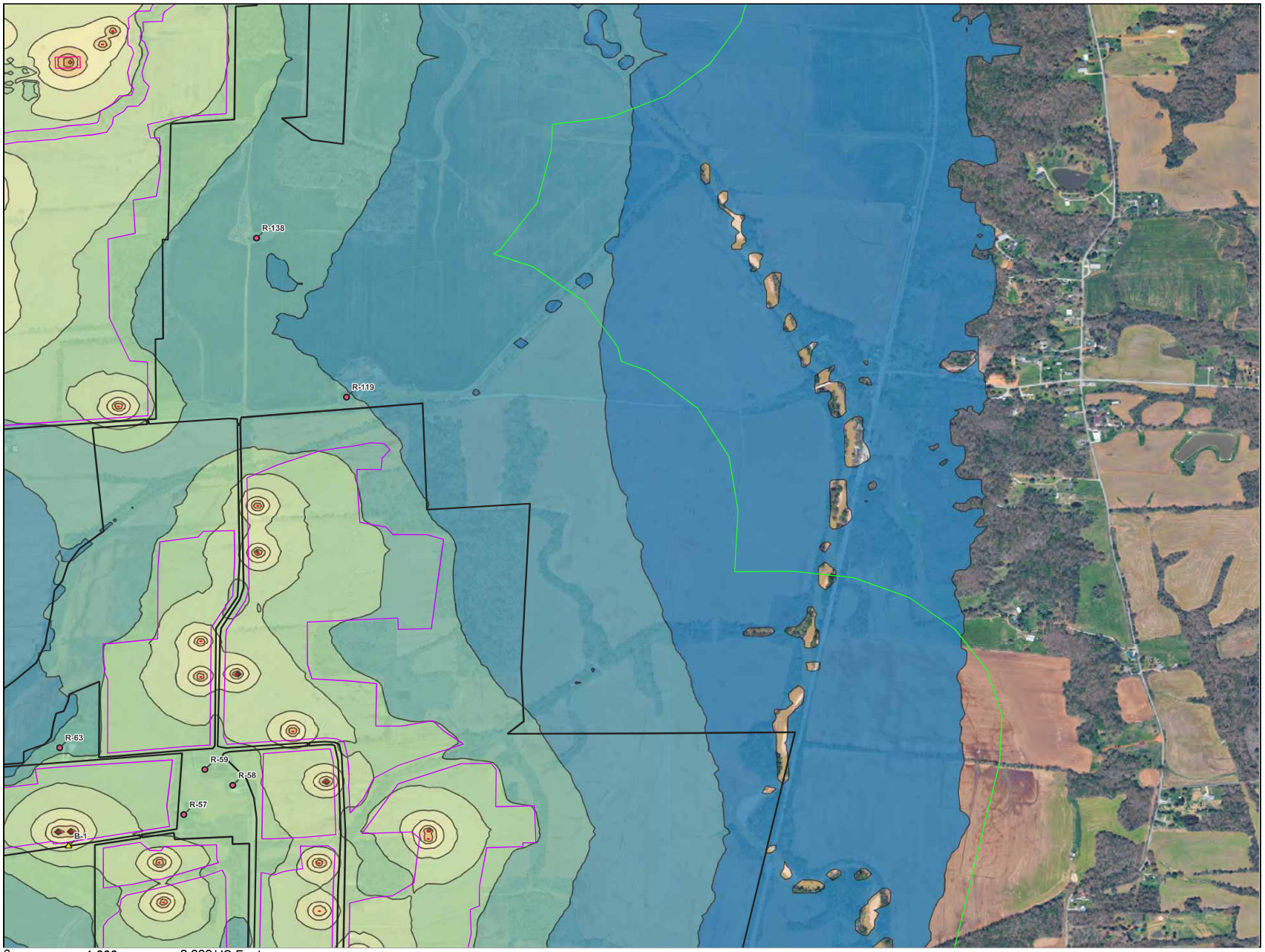
Received Sound Levels (dBA Ldn)

- 35 - 40
- 40 - 45
- 45 - 50
- 50 - 55
- 55 - 60
- 60 - 65
- 65 - 70
- 70 - 75
- 75 - 80
- 80 - 85
- 85 - 90

Data Sources:
Google Aerial Imagery

Prepared for: MYSO, LLC
Prepared by: Tetra Tech





Mayfield Solar
Graves County, Kentucy

Received Sound Levels (Zoomed-D)

LEGEND

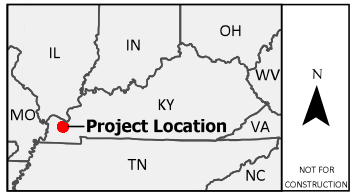
- Project Boundary
- Project Fence Line
- Substation
- 2,000 Foot Buffer
- Inverter Skid
- Residence
- Masonic Lodge
- Cemetery
- Fire Station
- Church
- Boundary Receptor (Loudest Boundary Point)

Received Sound Levels (dBA Ldn)

- 35 - 40
- 40 - 45
- 45 - 50
- 50 - 55
- 55 - 60
- 60 - 65
- 65 - 70
- 70 - 75
- 75 - 80
- 80 - 85
- 85 - 90

Data Sources:
Google Aerial Imagery

Prepared for: MYSO, LLC
Prepared by: Tetra Tech



Request No. 38:

Refer to MYSO's response to Staff's First Request, Item 7.

Response:

See Response No. 39 below.

Responding Witness: Matthew Batdorf

Request No. 39:

Explain the difference in receptor distances to Project components between the table provided in the response and Tables A-1 and A-2 provided in SAR Attachment D, Acoustic Analysis.

Response:

The table attached to Response No. 7 to Siting Board Staff's first data request measured from the closest point of the residential structure to the closest point to the listed Project component. The receptor distances in Acoustics Assessment, SAR Attachment D , Tables A-1 and A-2, were measured from the closest point of a listed Project component to the approximate center point of the residential structure.

Responding Witness: Matthew Batdorf

Request No. 40:

Explain whether the difference in measurements will impact the acoustic modeling results for Construction and/or Operations. If yes, provide revised acoustic modeling results.

Response:

The difference in measurements to the acoustic modeling results for Construction and Operations noise is negligible and will not cause a noticeable difference to receptors. Table A-1 and Table A-2, attached hereto, have been updated to account for the difference in measurements.

Responding Witness: Matthew Batdorf

Table A-1. Detailed Construction Acoustic Modeling Results

NSA ID	UTM Coordinates (meters) Zone 16N		Distance to Fence Line (feet)	Site Preparation, Grading, and Excavation (With Pile-driving)		Site Preparation, Grading, and Excavation (Without Pile-driving)		Distance to Closest Panel (feet)	Panel Construction		Distance to Closest Inverter (feet)	Inverter Construction		Distance to Substation Area (feet)	Substation Construction	
	Easting	Northing		Peak (dBA, L_{max})	Average (dBA, L_{eq})	Peak (dBA, L_{max})	Average (dBA, L_{eq})		Peak (dBA, L_{max})	Average (dBA, L_{eq})		Peak (dBA, L_{max})	Average (dBA, L_{eq})		Peak (dBA, L_{max})	Average (dBA, L_{eq})
R-1	352401	4080292	1,958	69	63	56	52	2,030	69	62	3,288	65	58	14,285	52	45
R-2	352034	4080305	2,035	69	62	56	52	2,129	69	62	3,845	63	56	14,194	52	45
R-3	351859	4080334	2,210	68	61	55	51	2,302	68	61	3,864	63	56	14,094	52	45
R-4	351898	4080334	2,133	69	62	55	51	2,227	68	61	3,823	63	57	14,085	52	45
R-5	352313	4080349	1,781	61	63	61	53	1,849	61	63	3,249	56	58	14,093	43	45
R-6	351956	4080364	1,955	69	63	56	52	2,051	69	62	3,696	64	57	14,003	52	45
R-7	351819	4080373	2,198	68	62	55	51	2,287	68	61	3,795	64	57	13,984	52	45
R-8	351858	4080368	2,123	69	62	55	51	2,214	68	61	3,760	64	57	13,984	52	45
R-9	351771	4080374	2,282	68	61	55	51	2,369	68	61	3,835	63	56	13,983	52	45
R-10	351894	4080370	2,044	69	62	56	52	2,137	69	62	3,717	64	57	13,973	52	45
R-11	353197	4080379	1,874	70	63	56	52	1,936	69	62	3,157	65	58	14,501	52	45
R-12	351761	4080409	2,237	68	61	55	51	2,322	68	61	3,751	64	57	13,872	52	45
R-13	351845	4080411	2,046	69	62	55	52	2,135	69	62	3,655	64	57	13,868	52	45
R-14	351751	4080438	2,191	68	62	55	51	2,273	68	61	3,667	64	57	13,770	52	45

NSA ID	UTM Coordinates (meters) Zone 16N		Distance to Fence Line (feet)	Site Preparation, Grading, and Excavation (With Pile-driving)		Site Preparation, Grading, and Excavation (Without Pile-driving)		Distance to Closest Panel (feet)	Panel Construction		Distance to Closest Inverter (feet)	Inverter Construction		Distance to Substation Area (feet)	Substation Construction	
	Easting	Northing		Peak (dBA, L_{max})	Average (dBA, L_{eq})	Peak (dBA, L_{max})	Average (dBA, L_{eq})		Peak (dBA, L_{max})	Average (dBA, L_{eq})		Peak (dBA, L_{max})	Average (dBA, L_{eq})		Peak (dBA, L_{max})	Average (dBA, L_{eq})
R-15	352024	4080436	1,655	71	64	57	53	1,752	70	63	3,436	64	57	13,780	52	45
R-16	351744	4080462	2,163	68	62	55	51	2,244	68	61	3,612	64	57	13,700	52	45
R-17	351672	4080481	2,306	68	61	54	50	2,382	68	61	3,656	64	57	13,651	52	45
R-18	352307	4080509	1,245	73	66	60	56	1,314	73	66	2,784	66	59	13,557	52	46
R-19	351631	4080540	2,303	68	61	54	50	2,371	68	61	3,533	64	57	13,445	53	46
R-20	351722	4080547	2,027	69	62	56	52	2,100	69	62	3,380	65	58	13,429	53	46
R-21	351704	4080574	2,057	69	62	55	51	2,126	69	62	3,348	65	58	13,354	53	46
R-22	351959	4080582	1,364	72	66	59	55	1,450	72	65	2,988	66	59	13,275	53	46
R-23	351604	4080628	2,258	68	61	55	51	2,316	68	61	3,344	65	58	13,173	53	46
R-24	351689	4080629	2,000	69	62	56	52	2,062	69	62	3,194	65	58	13,156	53	46
R-25	351593	4080672	2,247	68	61	55	51	2,300	68	61	3,258	65	58	13,036	53	46
R-26	351675	4080674	1,992	69	62	56	52	2,048	69	62	3,086	65	58	12,996	53	46
R-27	351642	4080784	1,879	70	63	56	52	1,991	69	62	2,864	66	59	12,660	53	46
R-28	351511	4080792	2,160	68	62	55	51	2,263	68	61	3,132	65	58	12,686	53	46
R-29	352058	4080787	665	79	72	65	61	741	78	71	2,288	68	61	12,631	53	46

NSA ID	UTM Coordinates (meters) Zone 16N		Distance to Fence Line (feet)	Site Preparation, Grading, and Excavation (With Pile-driving)		Site Preparation, Grading, and Excavation (Without Pile-driving)		Distance to Closest Panel (feet)	Panel Construction		Distance to Closest Inverter (feet)	Inverter Construction		Distance to Substation Area (feet)	Substation Construction	
	Easting	Northing		Peak (dBA, L_{max})	Average (dBA, L_{eq})	Peak (dBA, L_{max})	Average (dBA, L_{eq})		Peak (dBA, L_{max})	Average (dBA, L_{eq})		Peak (dBA, L_{max})	Average (dBA, L_{eq})		Peak (dBA, L_{max})	Average (dBA, L_{eq})
R-30	351688	4080827	1,665	71	64	57	53	1,779	70	63	2,652	67	60	12,511	53	46
R-31	351542	4080840	1,969	69	62	56	52	2,070	69	62	2,936	66	59	12,493	53	46
R-32	351893	4080854	1,151	74	67	60	57	1,189	74	67	2,253	68	61	12,417	53	46
R-33	352549	4080857	200	89	82	76	72	303	85	79	1,412	72	65	12,521	53	46
R-34	351938	4080904	943	76	69	62	58	1,007	75	68	2,026	69	62	12,243	53	46
R-35	351716	4080918	1,381	72	66	59	55	1,491	72	65	2,364	68	61	12,216	53	46
R-36	351536	4080931	1,822	70	63	57	53	1,913	69	63	2,764	66	59	12,220	53	46
R-37	351600	4080916	1,610	71	64	58	54	1,709	70	64	2,572	67	60	12,196	53	46
R-38	351507	4080957	1,855	70	63	56	52	1,940	69	62	2,778	66	59	12,134	53	46
R-39	351523	4080992	1,760	70	63	57	53	1,841	70	63	2,671	67	60	12,011	54	47
R-40	351623	4080998	1,446	72	65	59	55	1,535	71	64	2,386	68	61	11,958	54	47
R-41	351535	4081119	1,577	71	64	58	54	1,636	71	64	2,331	68	61	11,597	54	47
R-42	351297	4081186	2,027	69	62	56	52	2,081	69	62	2,636	67	60	11,503	54	47
R-43	351212	4081186	2,212	68	61	55	51	2,265	68	61	2,850	66	59	11,553	54	47
R-44	351346	4081194	1,916	70	63	56	52	1,970	69	62	2,510	67	60	11,447	54	47

NSA ID	UTM Coordinates (meters) Zone 16N		Distance to Fence Line (feet)	Site Preparation, Grading, and Excavation (With Pile-driving)		Site Preparation, Grading, and Excavation (Without Pile-driving)		Distance to Closest Panel (feet)	Panel Construction		Distance to Closest Inverter (feet)	Inverter Construction		Distance to Substation Area (feet)	Substation Construction	
	Easting	Northing		Peak (dBA, L_{max})	Average (dBA, L_{eq})	Peak (dBA, L_{max})	Average (dBA, L_{eq})		Peak (dBA, L_{max})	Average (dBA, L_{eq})		Peak (dBA, L_{max})	Average (dBA, L_{eq})		Peak (dBA, L_{max})	Average (dBA, L_{eq})
R-45	351496	4081198	1,675	71	64	57	53	1,715	70	63	2,186	68	61	11,359	54	47
R-46	351534	4081257	1,456	72	65	58	54	1,507	72	65	1,951	69	62	11,162	54	47
R-47	351270	4081296	1,810	70	63	57	53	1,863	70	63	2,466	67	60	11,153	54	47
R-48	351484	4081317	1,332	73	66	59	55	1,386	72	65	1,907	70	63	10,970	54	47
R-49	351527	4081400	1,039	75	68	61	57	1,093	74	67	1,617	71	64	10,695	55	48
R-50	351615	4081427	805	77	70	64	60	855	76	70	1,321	73	66	10,533	55	48
R-51	351544	4081455	836	77	70	63	59	890	76	69	1,442	72	65	10,497	55	48
R-52	351620	4081485	658	79	72	65	61	709	78	71	1,205	73	67	10,384	55	48
R-53	351546	4081496	725	78	71	65	61	779	77	70	1,359	72	66	10,367	55	48
R-54	351622	4081542	464	82	75	68	64	516	81	74	1,069	75	68	10,179	55	48
R-55	351488	4081551	737	78	71	64	60	787	77	70	1,430	72	65	10,210	55	48
R-56	351612	4081615	306	85	79	72	68	360	84	77	986	75	68	9,978	55	48
R-57	352257	4081811	127	93	86	80	76	311	85	78	615	79	72	9,306	56	49
R-58	352402	4081919	262	87	80	73	69	314	85	78	840	77	70	8,999	56	49
R-59	352321	4081980	268	87	80	73	69	475	82	75	914	76	69	8,767	56	49

NSA ID	UTM Coordinates (meters) Zone 16N		Distance to Fence Line (feet)	Site Preparation, Grading, and Excavation (With Pile-driving)		Site Preparation, Grading, and Excavation (Without Pile-driving)		Distance to Closest Panel (feet)	Panel Construction		Distance to Closest Inverter (feet)	Inverter Construction		Distance to Substation Area (feet)	Substation Construction	
	Easting	Northing		Peak (dBA, L_{max})	Average (dBA, L_{eq})	Peak (dBA, L_{max})	Average (dBA, L_{eq})		Peak (dBA, L_{max})	Average (dBA, L_{eq})		Peak (dBA, L_{max})	Average (dBA, L_{eq})		Peak (dBA, L_{max})	Average (dBA, L_{eq})
R-60	351448	4082004	796	77	70	64	60	853	76	70	1,633	71	64	8,779	56	49
R-61	351539	4082010	521	81	74	67	63	587	80	73	1,377	72	65	8,708	56	49
R-62	351238	4082073	1,501	72	65	58	54	1,556	71	64	2,329	68	61	8,687	56	49
R-63	351898	4082070	218	88	82	75	71	322	85	78	1,021	75	68	8,404	57	50
R-64	351216	4082106	1,619	71	64	58	54	1,676	71	64	2,454	67	60	8,602	56	49
R-65	351108	4082232	2,102	69	62	55	51	2,164	68	61	2,950	66	59	8,305	57	50
R-66	350868	4082244	2,841	66	59	53	49	2,898	66	59	3,670	64	57	8,567	56	50
R-67	351067	4082283	2,317	68	61	54	50	2,380	68	61	3,168	65	58	8,191	57	50
R-68	350880	4082305	2,882	66	59	53	49	2,942	66	59	3,723	64	57	8,371	57	50
R-69	351066	4082336	2,414	68	61	54	50	2,479	67	60	3,269	65	58	8,042	57	50
R-70	351145	4082356	2,243	68	61	55	51	2,311	68	61	3,100	65	58	7,898	57	50
R-71	350968	4082369	2,755	66	60	53	49	2,819	66	59	3,608	64	57	8,064	57	50
R-72	351004	4082434	2,773	66	60	53	49	2,840	66	59	3,629	64	57	7,823	57	50
R-73	351068	4082456	2,651	67	60	53	49	2,719	66	59	3,506	64	57	7,680	57	50
R-74	351038	4082911	1,821	70	63	57	53	1,878	70	63	2,891	66	59	6,345	59	52

NSA ID	UTM Coordinates (meters) Zone 16N		Distance to Fence Line (feet)	Site Preparation, Grading, and Excavation (With Pile-driving)		Site Preparation, Grading, and Excavation (Without Pile-driving)		Distance to Closest Panel (feet)	Panel Construction		Distance to Closest Inverter (feet)	Inverter Construction		Distance to Substation Area (feet)	Substation Construction	
	Easting	Northing		Peak (dBA, L_{max})	Average (dBA, L_{eq})	Peak (dBA, L_{max})	Average (dBA, L_{eq})		Peak (dBA, L_{max})	Average (dBA, L_{eq})		Peak (dBA, L_{max})	Average (dBA, L_{eq})		Peak (dBA, L_{max})	Average (dBA, L_{eq})
R-75	350857	4082959	1,899	70	63	56	52	2,014	69	62	2,985	66	59	6,506	59	52
R-76	350827	4083041	1,687	71	64	57	53	1,801	70	63	2,805	66	59	6,334	59	52
R-77	350804	4083098	1,580	71	64	58	54	1,692	71	64	2,712	66	60	6,240	59	52
R-78	350872	4083103	1,463	72	65	58	54	1,577	71	64	2,574	67	60	6,103	59	52
R-79	350852	4083133	1,397	72	65	59	55	1,510	72	65	2,521	67	60	6,051	59	53
R-80	350783	4083157	1,467	72	65	58	54	1,577	71	64	2,610	67	60	6,131	59	52
R-81	350831	4083162	1,357	73	66	59	55	1,469	72	65	2,494	67	60	6,021	60	53
R-82	350749	4083170	1,496	72	65	58	54	1,603	71	64	2,640	67	60	6,156	59	52
R-83	350817	4083203	1,279	73	66	60	56	1,388	72	65	2,422	67	60	5,943	60	53
R-84	350992	4083205	1,012	75	68	62	58	1,125	74	67	2,073	69	62	5,594	60	53
R-85	350729	4083212	1,461	72	65	58	54	1,564	71	64	2,603	67	60	6,105	59	52
R-86	351675	4083204	241	88	81	74	70	436	82	75	1,394	72	65	4,762	62	55
R-87	350810	4083246	1,182	74	67	60	56	1,288	73	66	2,326	68	61	5,839	60	53
R-88	350926	4083244	944	76	69	62	58	1,058	75	68	2,065	69	62	5,595	60	53
R-89	350993	4083254	850	77	70	63	59	964	75	68	1,933	69	62	5,460	60	53

NSA ID	UTM Coordinates (meters) Zone 16N		Distance to Fence Line (feet)	Site Preparation, Grading, and Excavation (With Pile-driving)		Site Preparation, Grading, and Excavation (Without Pile-driving)		Distance to Closest Panel (feet)	Panel Construction		Distance to Closest Inverter (feet)	Inverter Construction		Distance to Substation Area (feet)	Substation Construction	
	Easting	Northing		Peak (dBA, L_{max})	Average (dBA, L_{eq})	Peak (dBA, L_{max})	Average (dBA, L_{eq})		Peak (dBA, L_{max})	Average (dBA, L_{eq})		Peak (dBA, L_{max})	Average (dBA, L_{eq})		Peak (dBA, L_{max})	Average (dBA, L_{eq})
R-90	350727	4083257	1,365	72	66	59	55	1,463	72	65	2,501	67	60	5,989	60	53
R-91	350961	4083253	890	76	69	63	59	1,005	75	68	1,995	69	62	5,524	60	53
R-92	351014	4083254	837	77	70	63	59	950	76	69	1,902	70	63	5,425	60	53
R-93	350874	4083257	1,029	75	68	61	57	1,140	74	67	2,168	68	61	5,693	60	53
R-94	350635	4083267	1,601	71	64	58	54	1,690	71	64	2,716	66	59	6,166	59	52
R-95	351077	4083259	791	77	70	64	60	855	76	70	1,786	70	63	5,294	61	54
R-96	350661	4083270	1,510	72	65	58	54	1,601	71	64	2,630	67	60	6,090	59	52
R-97	350481	4083276	2,018	69	62	56	52	2,098	69	62	3,097	65	58	6,481	59	52
R-98	350547	4083279	1,841	70	63	56	52	1,923	69	62	2,930	66	59	6,337	59	52
R-99	350603	4083282	1,662	71	64	57	53	1,748	70	63	2,766	66	59	6,200	59	52
R-100	351557	4083284	356	84	77	71	67	534	81	74	1,429	72	65	4,597	62	55
R-101	350708	4083310	1,326	73	66	59	55	1,415	72	65	2,442	67	60	5,902	60	53
R-102	351523	4083299	439	82	76	69	65	477	82	75	1,421	72	65	4,578	62	55
R-103	350860	4083316	891	76	69	63	59	996	75	68	2,035	69	62	5,547	60	53
R-104	350596	4083323	1,631	71	64	57	53	1,710	70	64	2,713	66	60	6,119	59	52

NSA ID	UTM Coordinates (meters) Zone 16N		Distance to Fence Line (feet)	Site Preparation, Grading, and Excavation (With Pile-driving)		Site Preparation, Grading, and Excavation (Without Pile-driving)		Distance to Closest Panel (feet)	Panel Construction		Distance to Closest Inverter (feet)	Inverter Construction		Distance to Substation Area (feet)	Substation Construction	
	Easting	Northing		Peak (dBA, L_{max})	Average (dBA, L_{eq})	Peak (dBA, L_{max})	Average (dBA, L_{eq})		Peak (dBA, L_{max})	Average (dBA, L_{eq})		Peak (dBA, L_{max})	Average (dBA, L_{eq})		Peak (dBA, L_{max})	Average (dBA, L_{eq})
R-105	350570	4083323	1,710	71	64	57	53	1,787	70	63	2,784	66	59	6,178	59	52
R-106	350629	4083324	1,525	72	65	58	54	1,607	71	64	2,616	67	60	6,038	60	53
R-107	351607	4083309	174	90	84	77	73	333	85	78	1,298	73	66	4,473	62	55
R-108	350687	4083322	1,358	73	66	59	55	1,442	72	65	2,461	67	60	5,904	60	53
R-109	351206	4083318	390	83	77	70	66	448	82	75	1,472	72	65	4,920	61	54
R-110	350534	4083325	1,821	70	63	57	53	1,897	70	63	2,888	66	59	6,266	59	52
R-111	350921	4083323	745	78	71	64	60	855	76	70	1,887	70	63	5,409	60	54
R-112	350659	4083327	1,425	72	65	59	55	1,509	72	65	2,525	67	60	5,961	60	53
R-113	351385	4083313	322	85	78	72	68	400	83	76	1,446	72	65	4,676	62	55
R-114	351243	4083321	347	84	78	71	67	395	83	76	1,437	72	65	4,852	61	54
R-115	350689	4083386	1,277	73	66	60	56	1,351	73	66	2,347	68	61	5,759	60	53
R-116	350463	4083401	1,990	69	62	56	52	2,051	69	62	2,989	66	59	6,272	59	52
R-117	350564	4083415	1,649	71	64	57	53	1,713	70	63	2,663	67	60	5,985	60	53
R-118	351617	4083400	98	95	89	82	78	305	85	78	967	75	68	4,139	63	56
R-119	352761	4083383	569	80	73	67	63	758	78	71	1,563	71	64	4,815	61	55

NSA ID	UTM Coordinates (meters) Zone 16N		Distance to Fence Line (feet)	Site Preparation, Grading, and Excavation (With Pile-driving)		Site Preparation, Grading, and Excavation (Without Pile-driving)		Distance to Closest Panel (feet)	Panel Construction		Distance to Closest Inverter (feet)	Inverter Construction		Distance to Substation Area (feet)	Substation Construction	
	Easting	Northing		Peak (dBA, L_{max})	Average (dBA, L_{eq})	Peak (dBA, L_{max})	Average (dBA, L_{eq})		Peak (dBA, L_{max})	Average (dBA, L_{eq})		Peak (dBA, L_{max})	Average (dBA, L_{eq})		Peak (dBA, L_{max})	Average (dBA, L_{eq})
R-120	350674	4083427	1,303	73	66	59	55	1,368	72	65	2,333	68	61	5,704	60	53
R-121	350614	4083426	1,476	72	65	58	54	1,539	71	64	2,491	67	60	5,829	60	53
R-122	350730	4083434	1,112	74	67	61	57	1,181	74	67	2,157	68	61	5,550	60	53
R-123	350661	4083453	1,320	73	66	59	55	1,381	72	65	2,329	68	61	5,667	60	53
R-124	350526	4083470	1,756	70	63	57	53	1,808	70	63	2,719	66	59	5,971	60	53
R-125	350442	4083473	2,030	69	62	56	52	2,079	69	62	2,971	66	59	6,177	59	52
R-126	350720	4083467	1,126	74	67	61	57	1,186	74	67	2,139	69	62	5,504	60	53
R-127	350563	4083480	1,622	71	64	58	54	1,672	71	64	2,579	67	60	5,842	60	53
R-128	350640	4083501	1,373	72	66	59	55	1,422	72	65	2,335	68	61	5,621	60	53
R-129	350701	4083507	1,184	74	67	60	56	1,231	73	66	2,149	68	62	5,464	60	53
R-130	350693	4083534	1,215	73	67	60	56	1,256	73	66	2,150	68	62	5,429	60	53
R-131	350661	4083572	1,318	73	66	59	55	1,351	73	66	2,197	68	61	5,421	60	53
R-132	350586	4083583	1,562	71	65	58	54	1,594	71	64	2,425	67	60	5,594	60	53
R-133	350561	4083626	1,653	71	64	57	53	1,676	71	64	2,471	67	60	5,566	60	53
R-134	350679	4083668	1,263	73	66	60	56	1,283	73	66	2,055	69	62	5,158	61	54

NSA ID	UTM Coordinates (meters) Zone 16N		Distance to Fence Line (feet)	Site Preparation, Grading, and Excavation (With Pile-driving)		Site Preparation, Grading, and Excavation (Without Pile-driving)		Distance to Closest Panel (feet)	Panel Construction		Distance to Closest Inverter (feet)	Inverter Construction		Distance to Substation Area (feet)	Substation Construction	
	Easting	Northing		Peak (dBA, L_{max})	Average (dBA, L_{eq})	Peak (dBA, L_{max})	Average (dBA, L_{eq})		Peak (dBA, L_{max})	Average (dBA, L_{eq})		Peak (dBA, L_{max})	Average (dBA, L_{eq})		Peak (dBA, L_{max})	Average (dBA, L_{eq})
R-135	350600	4083689	1,524	72	65	58	54	1,546	71	64	2,309	68	61	5,342	61	54
R-136	350460	4083789	1,692	71	64	57	53	1,799	70	63	2,684	67	60	5,555	60	53
R-137	350327	4083991	1,818	70	63	57	53	1,898	70	63	2,500	67	60	5,656	60	53
R-138	352508	4083989	1,069	75	68	61	57	1,164	74	67	2,445	67	60	2,687	67	60
R-139	350282	4084064	1,926	69	63	56	52	1,994	69	62	2,478	67	60	5,703	60	53
R-140	350218	4084151	1,969	69	62	56	52	2,182	68	61	2,531	67	60	5,813	60	53
R-141	350155	4084214	2,039	69	62	56	52	2,293	68	61	2,659	67	60	5,970	60	53
R-142	350129	4084263	2,023	69	62	56	52	2,289	68	61	2,668	67	60	5,994	60	53
R-143	350125	4084326	1,981	69	62	56	52	2,260	68	61	2,651	67	60	5,980	60	53
R-144	350205	4084401	1,669	71	64	57	53	1,955	69	62	2,358	68	61	5,683	60	53
R-145	350190	4084444	1,679	71	64	57	53	1,974	69	62	2,384	68	61	5,701	60	53
R-146	350135	4084503	1,860	70	63	56	52	2,162	68	61	2,580	67	60	5,875	60	53
R-147	350089	4084722	2,015	69	62	56	52	2,208	68	61	2,855	66	59	6,013	60	53
R-148	350107	4084810	1,916	70	63	56	52	2,056	69	62	2,882	66	59	5,971	60	53
R-149	350087	4084915	1,908	70	63	56	52	2,037	69	62	2,983	66	59	6,071	59	53

NSA ID	UTM Coordinates (meters) Zone 16N		Distance to Fence Line (feet)	Site Preparation, Grading, and Excavation (With Pile-driving)		Site Preparation, Grading, and Excavation (Without Pile-driving)		Distance to Closest Panel (feet)	Panel Construction		Distance to Closest Inverter (feet)	Inverter Construction		Distance to Substation Area (feet)	Substation Construction	
	Easting	Northing		Peak (dBA, L_{max})	Average (dBA, L_{eq})	Peak (dBA, L_{max})	Average (dBA, L_{eq})		Peak (dBA, L_{max})	Average (dBA, L_{eq})		Peak (dBA, L_{max})	Average (dBA, L_{eq})		Peak (dBA, L_{max})	Average (dBA, L_{eq})
R-150	350099	4084967	1,847	70	63	56	52	1,968	69	62	2,899	66	59	6,050	59	53
R-151	350153	4085149	1,722	70	64	57	53	1,768	70	63	2,652	67	60	5,990	60	53
R-152	350102	4085319	2,004	69	62	56	52	2,029	69	62	2,878	66	59	6,322	59	52
R-153	350105	4085360	2,018	69	62	56	52	2,044	69	62	2,893	66	59	6,360	59	52
R-154	350114	4085417	2,026	69	62	56	52	2,046	69	62	2,909	66	59	6,394	59	52
R-155	350260	4085678	1,714	70	64	57	53	1,744	70	63	2,615	67	60	6,349	59	52
R-156	351012	4085795	195	89	83	76	72	307	85	78	897	76	69	4,689	62	55
R-157	350970	4086318	338	85	78	71	67	371	84	77	816	77	70	6,187	59	52
R-158	351013	4086910	1,316	73	66	59	55	1,442	72	65	2,426	67	60	7,867	57	50
R-159	351769	4080912	1,298	73	66	59	55	1,414	72	65	2,285	68	61	12,232	53	46
R-160	351262	4082002	1,370	72	66	59	55	1,417	72	65	2,165	68	61	8,889	56	49
R-161	351782	4080537	1,895	70	63	56	52	1,974	69	62	3,338	65	58	13,462	53	46
R-162	352086	4080889	504	81	74	68	64	541	80	74	1,937	69	62	12,292	53	46
R-163	351734	4080812	1,625	71	64	57	54	1,712	70	64	2,611	67	60	12,548	53	46
R-164	351163	4081277	2,118	69	62	55	51	2,170	68	61	2,789	66	59	11,300	54	47

NSA ID	UTM Coordinates (meters) Zone 16N		Distance to Fence Line (feet)	Site Preparation, Grading, and Excavation (With Pile-driving)		Site Preparation, Grading, and Excavation (Without Pile-driving)		Distance to Closest Panel (feet)	Panel Construction		Distance to Closest Inverter (feet)	Inverter Construction		Distance to Substation Area (feet)	Substation Construction	
	Easting	Northing		Peak (dBA, L_{max})	Average (dBA, L_{eq})	Peak (dBA, L_{max})	Average (dBA, L_{eq})		Peak (dBA, L_{max})	Average (dBA, L_{eq})		Peak (dBA, L_{max})	Average (dBA, L_{eq})		Peak (dBA, L_{max})	Average (dBA, L_{eq})
R-165	351120	4082393	2,382	68	61	54	50	2,450	67	60	3,238	65	58	7,799	57	50
R-166	350804	4083265	1,148	74	67	61	57	1,253	73	66	2,292	68	61	5,802	60	53
R-167	350764	4083343	1,108	74	67	61	57	1,196	74	67	2,221	68	61	5,683	60	53
R-168	350687	4083555	1,233	73	67	60	56	1,269	73	66	2,141	69	62	5,396	60	54
R-169	350554	4083545	1,663	71	64	57	53	1,702	70	64	2,561	67	60	5,747	60	53
R-170	350262	4084094	1,971	69	62	56	52	2,045	69	62	2,481	67	60	5,727	60	53
R-171	352028	4080377	1,857	70	63	56	52	1,954	69	62	3,651	64	57	13,996	52	45
R-172	351699	4080415	2,376	68	61	54	50	2,457	67	60	3,822	63	57	13,874	52	45
R-173	351958	4080909	881	76	69	63	59	946	76	69	1,993	69	62	12,232	53	46
R-174	352074	4081125	320	85	78	72	68	355	84	77	1,197	74	67	11,529	54	47
R-175	351544	4081076	1,595	71	64	58	54	1,664	71	64	2,460	67	60	11,754	54	47
R-176	351531	4081199	1,569	71	64	58	54	1,609	71	64	2,124	69	62	11,344	54	47
R-177	350787	4083132	1,510	72	65	58	54	1,620	71	64	2,650	67	60	6,174	59	52
R-178	350697	4083357	1,291	73	66	59	56	1,372	72	65	2,383	68	61	5,816	60	53
R-179	350543	4083543	1,709	71	64	57	53	1,747	70	63	2,603	67	60	5,788	60	53

NSA ID	UTM Coordinates (meters) Zone 16N		Distance to Fence Line (feet)	Site Preparation, Grading, and Excavation (With Pile-driving)		Site Preparation, Grading, and Excavation (Without Pile-driving)		Distance to Closest Panel (feet)	Panel Construction		Distance to Closest Inverter (feet)	Inverter Construction		Distance to Substation Area (feet)	Substation Construction	
	Easting	Northing		Peak (dBA, L_{max})	Average (dBA, L_{eq})	Peak (dBA, L_{max})	Average (dBA, L_{eq})		Peak (dBA, L_{max})	Average (dBA, L_{eq})		Peak (dBA, L_{max})	Average (dBA, L_{eq})		Peak (dBA, L_{max})	Average (dBA, L_{eq})
R-180	350085	4084433	2,041	69	62	56	52	2,335	68	61	2,744	66	59	6,062	59	53
R-181	350192	4085705	1,933	69	63	56	52	1,963	69	62	2,835	66	59	6,569	59	52
R-182	351141	4083301	564	80	73	67	63	628	79	72	1,591	71	64	5,082	61	54
R-183	351854	4080854	1,258	73	66	60	56	1,300	73	66	2,304	68	61	12,424	53	46
R-184	351513	4081685	554	80	74	67	63	586	80	73	1,244	73	66	9,798	55	48
CH-1 (Folsomdale Church)	350584	4083761	1,406	72	65	59	55	1,520	71	65	2,309	68	61	5,217	61	54
CH-2 (Liberty Church)	350081	4084491	2,051	69	62	55	51	2,353	68	61	2,770	66	59	6,066	59	53
M-1 (Masonic Lodge)	350492	4083902	1,383	72	66	59	55	1,483	72	65	2,307	68	61	5,263	61	54
C-1 (Nall Cemetery)	350901	4086286	596	80	73	66	62	631	79	72	1,013	75	68	6,244	59	52
F-1 (Fire Department)	351634	4080844	1,746	70	64	57	53	1,854	70	63	2,727	66	59	12,470	53	46
Loudest Property Boundary Location			50	101	94	88	84	70	98	91	108	94	88	740	78	71

Table A-2. Detailed Operational Acoustic Modeling Results

NSA ID	UTM Coordinates (meters), Zone 16N		Distance to Project Boundary (feet)	Distance to Nearest Project Infrastructure (feet)	Received L_{dn} (dBA)	Received L_{eq}/L_{max} (dBA)
	Easting	Northing				
R-1	352401	4080292	1,907	2,030	35	28
R-2	352034	4080305	1,868	2,129	34	27
R-3	351859	4080334	1,915	2,302	36	30
R-4	351898	4080334	1,861	2,227	37	30
R-5	352313	4080349	1,733	1,849	37	31
R-6	351956	4080364	1,720	2,051	37	31
R-7	351819	4080373	1,871	2,287	37	30
R-8	351858	4080368	1,817	2,214	37	30
R-9	351771	4080374	1,935	2,369	36	30
R-10	351894	4080370	1,759	2,137	37	30
R-11	353197	4080379	1,785	1,936	36	30
R-12	351761	4080409	1,872	2,322	37	30
R-13	351845	4080411	1,722	2,135	37	30
R-14	351751	4080438	1,808	2,273	37	30
R-15	352024	4080436	1,456	1,752	38	32
R-16	351744	4080462	1,770	2,244	37	30
R-17	351672	4080481	1,884	2,382	37	30
R-18	352307	4080509	1,197	1,314	40	33
R-19	351631	4080540	1,850	2,371	37	30
R-20	351722	4080547	1,598	2,100	37	31
R-21	351704	4080574	1,612	2,126	37	31
R-22	351959	4080582	1,034	1,450	39	32
R-23	351604	4080628	1,779	2,316	37	31

R-24	351689	4080629	1,532	2,062	38	31
R-25	351593	4080672	1,759	2,300	38	31
R-26	351675	4080674	1,508	2,048	38	31
R-27	351642	4080784	1,496	1,991	38	32
R-28	351511	4080792	1,905	2,263	38	32
R-29	352058	4080787	316	741	41	34
R-30	351688	4080827	1,307	1,779	39	32
R-31	351542	4080840	1,793	2,070	39	32
R-32	351893	4080854	649	1,189	39	32
R-33	352549	4080857	85	303	46	39
R-34	351938	4080904	481	1,007	41	34
R-35	351716	4080918	1,198	1,491	40	33
R-36	351536	4080931	1,712	1,913	40	33
R-37	351600	4080916	1,499	1,709	39	32
R-38	351507	4080957	1,746	1,940	40	33
R-39	351523	4080992	1,653	1,841	40	33
R-40	351623	4080998	1,336	1,535	41	34
R-41	351535	4081119	1,481	1,636	40	34
R-42	351297	4081186	1,700	2,081	40	33
R-43	351212	4081186	1,858	2,265	39	32
R-44	351346	4081194	1,604	1,970	40	33
R-45	351496	4081198	1,444	1,715	41	34
R-46	351534	4081257	1,247	1,507	42	35
R-47	351270	4081296	1,446	1,863	40	33
R-48	351484	4081317	1,061	1,386	42	36
R-49	351527	4081400	780	1,093	44	37
R-50	351615	4081427	652	855	46	39

R-51	351544	4081455	582	890	45	38
R-52	351620	4081485	508	709	46	40
R-53	351546	4081496	452	779	45	38
R-54	351622	4081542	306	516	47	40
R-55	351488	4081551	355	787	45	38
R-56	351612	4081615	99	360	48	41
R-57	352257	4081811	32	311	52	45
R-58	352402	4081919	122	314	52	45
R-59	352321	4081980	186	475	51	44
R-60	351448	4082004	72	853	41	34
R-61	351539	4082010	68	587	42	35
R-62	351238	4082073	537	1,556	39	33
R-63	351898	4082070	90	322	49	43
R-64	351216	4082106	674	1,676	39	33
R-65	351108	4082232	1,197	2,164	39	32
R-66	350868	4082244	1,861	2,898	39	32
R-67	351067	4082283	1,428	2,380	39	32
R-68	350880	4082305	1,929	2,942	39	33
R-69	351066	4082336	1,561	2,479	39	32
R-70	351145	4082356	1,468	2,311	39	33
R-71	350968	4082369	1,866	2,819	39	32
R-72	351004	4082434	1,943	2,840	39	33
R-73	351068	4082456	1,877	2,719	39	33
R-74	351038	4082911	1,720	1,878	39	32
R-75	350857	4082959	1,800	2,014	38	32
R-76	350827	4083041	1,582	1,801	39	32
R-77	350804	4083098	1,471	1,692	39	33

R-78	350872	4083103	1,360	1,577	40	33
R-79	350852	4083133	1,291	1,510	41	34
R-80	350783	4083157	1,356	1,577	41	34
R-81	350831	4083162	1,248	1,469	41	35
R-82	350749	4083170	1,384	1,603	41	35
R-83	350817	4083203	1,168	1,388	42	35
R-84	350992	4083205	924	1,125	41	35
R-85	350729	4083212	1,348	1,564	42	35
R-86	351675	4083204	193	436	46	39
R-87	350810	4083246	1,069	1,288	43	36
R-88	350926	4083244	840	1,058	42	36
R-89	350993	4083254	759	964	42	36
R-90	350727	4083257	1,252	1,463	42	36
R-91	350961	4083253	792	1,005	42	36
R-92	351014	4083254	751	950	42	35
R-93	350874	4083257	919	1,140	43	36
R-94	350635	4083267	1,491	1,690	42	35
R-95	351077	4083259	678	855	42	36
R-96	350661	4083270	1,399	1,601	42	35
R-97	350481	4083276	1,912	2,098	41	34
R-98	350547	4083279	1,734	1,923	41	34
R-99	350603	4083282	1,553	1,748	41	35
R-100	351557	4083284	304	534	46	39
R-101	350708	4083310	1,216	1,415	42	36
R-102	351523	4083299	358	477	46	40
R-103	350860	4083316	778	996	43	37
R-104	350596	4083323	1,525	1,710	41	35

R-105	350570	4083323	1,605	1,787	41	35
R-106	350629	4083324	1,418	1,607	41	35
R-107	351607	4083309	123	333	46	40
R-108	350687	4083322	1,249	1,442	42	35
R-109	351206	4083318	293	448	44	37
R-110	350534	4083325	1,717	1,897	41	34
R-111	350921	4083323	634	855	43	37
R-112	350659	4083327	1,317	1,509	42	35
R-113	351385	4083313	241	400	48	41
R-114	351243	4083321	266	395	44	37
R-115	350689	4083386	1,174	1,351	42	35
R-116	350463	4083401	1,895	2,051	41	34
R-117	350564	4083415	1,553	1,713	41	35
R-118	351617	4083400	16	305	51	44
R-119	352761	4083383	124	758	45	39
R-120	350674	4083427	1,205	1,368	42	36
R-121	350614	4083426	1,379	1,539	42	35
R-122	350730	4083434	1,012	1,181	43	36
R-123	350661	4083453	1,226	1,381	43	36
R-124	350526	4083470	1,666	1,808	41	34
R-125	350442	4083473	1,942	2,079	40	34
R-126	350720	4083467	1,033	1,186	43	36
R-127	350563	4083480	1,534	1,672	41	34
R-128	350640	4083501	1,287	1,422	43	36
R-129	350701	4083507	1,100	1,231	43	36
R-130	350693	4083534	1,133	1,256	43	37
R-131	350661	4083572	1,236	1,351	43	36

R-132	350586	4083583	1,481	1,594	42	35
R-133	350561	4083626	1,571	1,676	42	36
R-134	350679	4083668	1,182	1,283	44	37
R-135	350600	4083689	1,443	1,546	41	34
R-136	350460	4083789	1,562	1,799	42	35
R-137	350327	4083991	1,713	1,898	41	34
R-138	352508	4083989	831	1,164	48	41
R-139	350282	4084064	1,834	1,994	41	34
R-140	350218	4084151	1,881	2,182	40	34
R-141	350155	4084214	1,950	2,293	41	35
R-142	350129	4084263	1,934	2,289	42	35
R-143	350125	4084326	1,894	2,260	42	35
R-144	350205	4084401	1,583	1,955	42	36
R-145	350190	4084444	1,596	1,974	42	36
R-146	350135	4084503	1,780	2,162	42	35
R-147	350089	4084722	1,925	2,208	40	33
R-148	350107	4084810	1,830	2,056	42	35
R-149	350087	4084915	1,833	2,037	42	35
R-150	350099	4084967	1,779	1,968	42	35
R-151	350153	4085149	1,672	1,768	41	34
R-152	350102	4085319	1,954	2,029	39	32
R-153	350105	4085360	1,968	2,044	39	32
R-154	350114	4085417	1,976	2,046	39	32
R-155	350260	4085678	1,664	1,744	39	33
R-156	351012	4085795	146	307	51	44
R-157	350970	4086318	258	371	45	38
R-158	351013	4086910	1,236	1,442	41	35

R-159	351769	4080912	1,040	1,414	40	33
R-160	351262	4082002	349	1,417	40	33
R-161	351782	4080537	1,492	1,974	37	30
R-162	352086	4080889	3	541	40	34
R-163	351734	4080812	1,170	1,712	39	32
R-164	351163	4081277	1,738	2,170	36	30
R-165	351120	4082393	1,612	2,450	39	33
R-166	350804	4083265	1,035	1,253	43	36
R-167	350764	4083343	999	1,196	43	36
R-168	350687	4083555	1,151	1,269	43	36
R-169	350554	4083545	1,582	1,702	42	35
R-170	350262	4084094	1,885	2,045	41	34
R-171	352028	4080377	1,672	1,954	38	31
R-172	351699	4080415	1,986	2,457	37	30
R-173	351958	4080909	421	946	41	34
R-174	352074	4081125	45	355	46	40
R-175	351544	4081076	1,493	1,664	40	34
R-176	351531	4081199	1,429	1,609	41	35
R-177	350787	4083132	1,399	1,620	40	33
R-178	350697	4083357	1,185	1,372	42	35
R-179	350543	4083543	1,627	1,747	41	35
R-180	350085	4084433	1,958	2,335	41	35
R-181	350192	4085705	1,884	1,963	39	32
R-182	351141	4083301	452	628	43	36
R-183	351854	4080854	762	1,300	39	33
R-184	351513	4081685	94	586	42	36
CH-1	350584	4083761	1,274	1,520	43	36

(Folsomdale Church)						
CH-2 (Liberty Church)	350081	4084491	1,971	2,353	42	35
M-1 (Masonic Lodge)	350492	4083902	1,261	1,483	42	36
C-1 (Nall Cemetery)	350901	4086286	507	631	45	39
F-1 (Fire Department)	351634	4080844	1,487	1,854	39	32
Loudest Boundary Location					63	56

Request No. 41:

Provide the timeframe(s) for all non-noise-causing construction activities.

Response:

For the purposes of this response, "non-noise causing construction activities" are assumed to be all activities that are not pile driving. These construction activities would occur within the timeframes and daily hours of operation as previously described in paragraph 25 of the SAR.

Responding Witness: Matthew Batdorf

Request No. 42:

Explain why residence R-56 is not included within Neighborhood 13.

Response:

Receptor R-56 was not included because it does not share the same main street, KY-1241, as the rest of the homes in Neighborhood 13. Because Receptor R-56 is located off of McGee Road and not KY-1241, and its proximity to other homes located in the area, it was determined that R-56 did not possess the shared continuity with other neighborhood homes to be considered part of Neighborhood 13.

Responding Witness: Matthew Batdorf

Request No. 43:

Refer to MYSO's response to Staff's First Request, Item 52. State the number of years between planting and reaching full height and height at maturity for each tree species included in the Recommended Species List.

Response:

The number of years between planting and trees reaching full height and height at maturity will be dependent on each species, and is summarized as follows: (1) Pinus Virginiana | Virginia Pine | 20-40 Feet in height at 15-35 years, (2) Juniperus virginiana | Eastern Red Cedar | 25-35 Feet in height at 20-35 years, (3) Thuja plicata x standishii | Green Giant Arborvitae | 40-50 Feet in height at 15-25 years, (4) Ilex Opaca | American Holly | 20-40 Feet in height at 20-40 years. It is also noted that mature height and the number of growth years can vary based on location, soil depth and drainage, sunlight, moisture availability, root space, competition, and regional weather patterns.

Responding Witness: Bob Roy

Request No. 44:

Refer to MYSO's response to Staff's First Request, Item 52.

Response:

To the extent this Request seeks a response, see Response No. 45 below.

Responding Witness: Matthew Batdorf

Request No. 45:

Provide the total number of linear feet of dense buffer area vegetation to be planted.

Response:

It is anticipated that 12,254 linear feet of dense buffer area vegetation will be planted.

Responding Witness: Matthew Batdorf

Request No. 46:

Provide the total number of linear feet of low-density buffer area vegetation to be planted.

Response:

It is anticipated that 1,472 linear feet of low-density buffer area vegetation will be planted.

Responding Witness: Matthew Batdorf

Request No. 47:

Refer to MYSO's response to Staff's First Request, Item 52. Explain the criteria for determining which areas receive vegetative screening, both the dense buffer areas and the low-density buffer areas.

Response:

Visual buffers were placed in between non-participating residences that were directly adjacent to parcels containing Project infrastructure, and where natural foliage did not already provide screening.

Responding Witness: Jacqui Kitchen

Request No. 48:

Refer to MYSO's response to Staff's First Request, Item 52. Explain how the planted vegetation will be maintained in the long-term, over the 40-year operational period.

Response:

Throughout the operational life of the Project, Applicant will maintain planted vegetative screening as part of its routine site operations and maintenance program. Vegetated buffer areas will be periodically mowed, trimmed, and managed to maintain the intended screening height and density, keep vegetation clear of fences, access roads, and electrical equipment, and control invasive or undesirable species. The O&M staff will conduct regular inspections of the screening areas, replacing dead or diseased trees and shrubs in kind as needed to preserve the effectiveness of the vegetative buffers over time. The Project does not plan to install permanent irrigation systems and will rely on natural rainfall and site stormwater management for long-term vegetation growth, using temporary watering only during initial establishment or unusual drought conditions as needed to meet survival and coverage goals.

Responding Witness: Jacqui Kitchen

Request No. 49:

Refer to MYSO's response to Staff's First Request, Item 52. Explain why vegetative screening is not planned for the following areas:

a. The west side of panel area 2 along US 45;

b. The southeastern panels within panel area 8 along KY-849;

c. The south side of panel area 11 along McGee Road; and

d. The south side of panel area 14 along Olden Road.

Response:

Applicant took care to thoughtfully install vegetative screening in areas where panels would be adjacent to parcels with existing homes that would have direct views of the Project. Screening is not planned in the noted areas as follows:

a. The west side of Panel Area 2 along US 45 does not include screening because US 45 acts as an existing barrier between the panel area and residences located further west. There are also existing tree lines and open fields between the panel area and residences west of US 45. Additionally, the glint/glare analysis for the Project indicated that glare will not occur to traffic on US 45.

b. The southeastern panels within Panel Area 8 along KY-849 does not include screening because there are no residences on the parcel directly to the south that would have a view of the panels.

c. The south side of Panel Area 11 along McGee Road does not include screening because there are no residences in the area to the south and the southeastern area to the south includes additional Project area.

d. The south side of Panel Area 14 along Olden Road does not include screening because there are no residences to the south that would have a view of the panel area.

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Responding Witness: Jacqui Kitchen

Request No. 50:

Refer to MYSO's response to Staff's First Request, Item 53 and Item 54. Explain whether the 81 acres of "tree trimming area" is the same as, or in addition to, the 81 acres of "vegetation clearing".

Response:

The 81 acres referenced in Response Nos. 53 and 54 to Siting Board Staff's first data request are the same area. The Project anticipates trimming and/or clearing a maximum of 81 acres of vegetation that could shade the Project panels. The Applicant will reduce tree clearing to the extent practicable as the Project's design becomes more refined. All trimming and clearing will be in compliance with all applicable state and federal agency requirements. The only other clearing areas will be areas that are graded and contain rooted, herbaceous vegetation (*i.e.*, hay or fallow fields), which will be stabilized directly after grading activities through seeding. Given the agricultural nature of the landscape in the Project area, seeding will quickly re-establish herbaceous ground cover in those areas that are graded.

Responding Witness: Bob Roy

Request No. 51:

During the site visit, it was observed that the Farm Road that runs parallel to the east of Whittemore Road is not continuous.

Response:

To the extent this Request seeks a response, see Response No. 52 below.

Responding Witness: Matthew Batdorf

Request No. 52:

Provide the plan for Project traffic to access the site entrances along that road.

Response:

To the extent this Request refers to entrances along the unamend Farm Road, refer to Response No. 17 to Siting Board Staff's first data request. The entrances to Fenced Arrays 15 and 17, as depicted on the attachment to Response No. 17 to the first data request, may be accessed from the south via Olden Road; and the entrances from Fenced Array 16 may be accessed from the north via Old Plant Road.

Responding Witness: Matthew Batdorf

Request No. 53:

Confirm that no tree removal will occur along the Farm Road. If not confirmed, explain the response.

Response:

At this time, the Project does not anticipate tree removal occurring along the unnamed Farm Road.

Responding Witness: Bob Roy

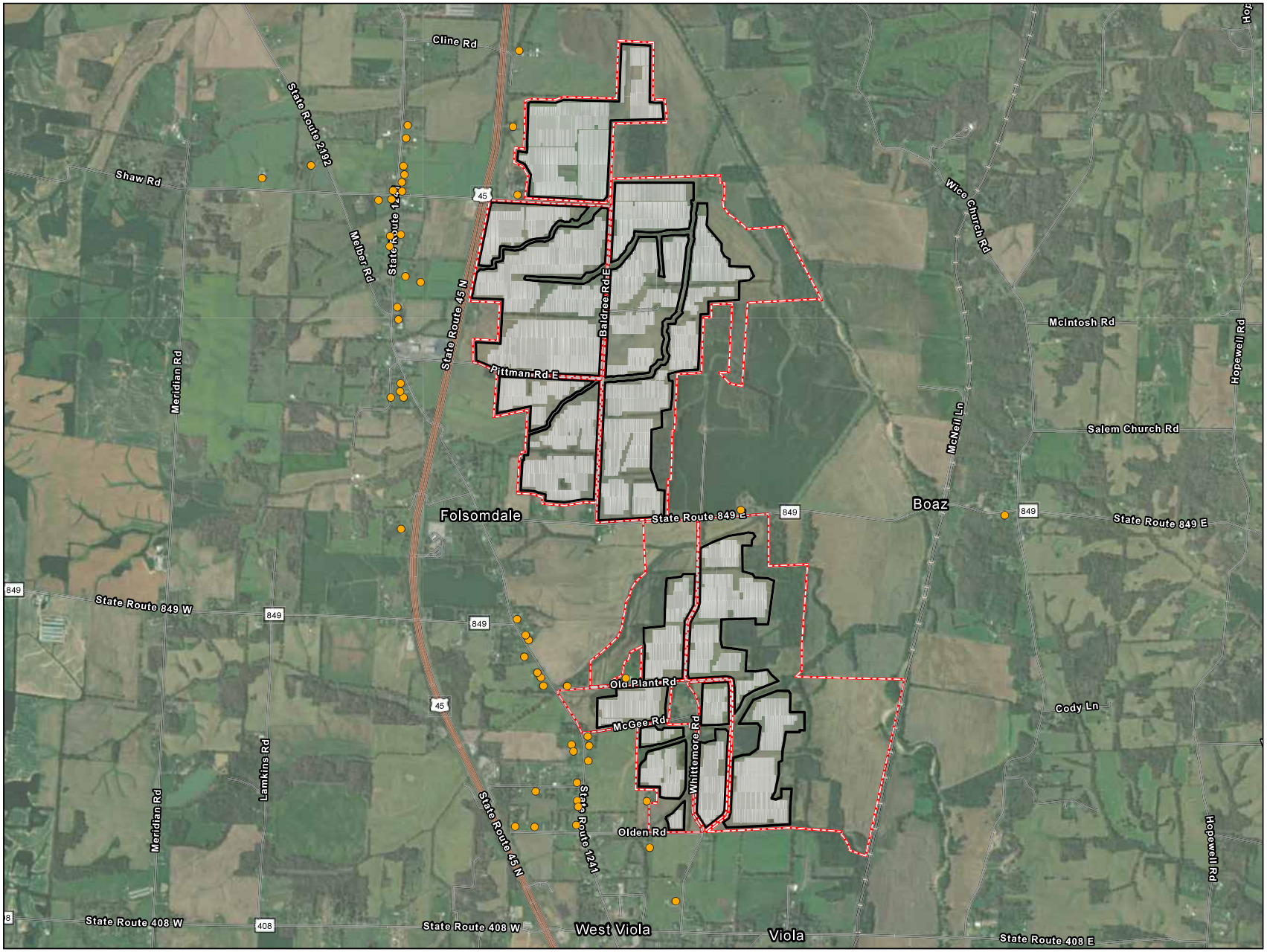
Request No. 54:

Refer to MYSO's response to Staff's First Request, Item 88. Identify approximately the 60 to 80 residences that may have a limited view of some portion of the Project on a map.

Response:

There are approximately 52 residences within two miles of the Project that may have a limited view of the Project panels as shown on the attached map. The number of residences was derived via a viewshed analysis, which generated a "visibility zone" using publicly available 1-meter U.S. Geological Survey LiDAR data (2021). That data was used to build a Digital Surface Model and assess visibility of panels around the Project. The Model reviewed a 2-mile radius from the Project boundary, included all natural and man-made features, such as buildings, trees, and other objects, and assumed 10-foot-tall solar panel points, a 6-foot-tall person on the ground (the observer). If the visibility zone reached the sides or boundaries of a house, the array was considered visible from that house; if it stopped at trees immediately adjacent to the house, the array was still considered visible because the viewshed method cannot see under tree canopy.

Responding Witness: Matthew Batdorf



Mayfield Solar
Graves County, KY

Potential Visibility Points

LEGEND

- Potential Visibility Point
- Proposed Project Area
- Proposed Fence Line
- Proposed Panel Array

Data Sources:
ESRI Aerial Imagery 2025

Prepared for: MYSO, LLC
Prepared by: Tetra Tech GIS Team (JH)
Updated: 5/5/2026

Spatial Reference
NAD 1983 StatePlane Kentucky South FIPS 1602 Feet

Request No. 55:

Refer to MYSO's response to Staff's First Request, Item 88. Provide additional information describing the views of the Project from the identified residences. For example, percentage of Project visible, the type of components in view.

Response:

Each of the 52 residences is more than 300 feet from any project infrastructure (panels, inverters, and substation) and will have limited, minimal views of Project panels, as would typically be seen on the horizon line. It should also be noted that there are also existing vegetative trees buffers in place as well as vegetative buffers that will be planted that would reduce or eliminate these views during a majority of the year.

Responding Witness: Matthew Batdorf

Request No. 56:

Refer to MYSO's response to Staff's First Request, Item 51. Provide the previously requested Visual Impact Analysis.

Response:

See Response No. 15.

Responding Witness: Jacqui Kitchen

Request No. 57:

Refer to MYSO's response to Staff's First Request, Item 56. Provide the requested visual renderings of Project facilities (including panels) with and without vegetative screening at different points around the Project site. If renderings are not able to be produced for this Project, provide renderings of comparable facilities with and without vegetative screenings.

Response:

See Response No. 15.

Responding Witness: Jacqui Kitchen

Request No. 58:

Explain why glare will not be an issue for non-farm roadways that will have a view-line with the panels, including US. 45.

Response:

Glare occurs to viewers due to the interaction of the angle of incidence and angle of reflection. The angle of incidence is the angle that the light source/sun hits a surface that is reflective, in this case the solar panels. The angle of reflection is the angle at which the light is reflected and it is equal to the angle of incidence. If the angle of incidence hits at a low 20 degree angle, it is reflecting at a similar angle. Single-axis tracking systems, used for this Project, follow the sun's east-to-west movement. The large benefit of tracking panels is that they follow the sun so the angle of reflection is basically back at the source (sun) and not resulting in glare to proximal structures and roadways. These systems reflect any light not absorbed directly back towards the sun, minimizing instances of glare. Glare can occur in single-axis tracking systems when the sun is outside the panels tracking range, as the panels would assume resting state to prevent shading to other panels (back-tracking). A resting state of a panel is typically flat, often occurring at dawn and dusk. This time period is when glare is most likely to happen, as the sun is hitting the flat panels at a low angle and reflecting at a similarly low angle. To prevent or mitigate this potential glare, the Project will use a resting angle of 5 degrees and anti-reflective coating to minimize reflections of the surrounding area.

Responding Witness: Matthew Batdorf

Request No. 59:

Explain why glare is not an issue for homes with a sightline to the panels without vegetative screening.

Response:

See Response No. 58.

Responding Witness: Matthew Batdorf

Request No. 60:

Refer to Application, Exhibit G, Economic Analysis Table 1. Explain whether the 32 jobs listed as direct construction employment for Graves County represent employment of Graves County residents.

Response:

The 32 direct construction jobs were modeled as local Graves County employees. However, that number incorporates local commuting patterns from the IMPLAN model, which means that some of the local employees may reside in surrounding jurisdictions.

Responding Witness: Fletcher Magnum

Request No. 61:

Refer to Application, Exhibit G, Economic Analysis. Tables 1 and 3. Define the term "Economic Output" as specifically related to the benefits experienced with Graves County.

Response:

Economic output is an accounting of all the money that changes hands within a local economy, reflecting the total value of goods and services produced. It includes business revenues, wages and benefits, taxes, and other income generated. For Graves County, it would be the sum of these categories associated with the construction activities as well as the local maintenance activities associated with ongoing operations

Responding Witness: Fletcher Magnum

Request No. 62:

Refer to Application, Exhibit G, Economic Analysis. Tables 1 through 6. Provide estimates of the "value added" component of benefits and provide a definition of the term "value added".

Response:

Value added is the economic output minus the intermediate inputs (the goods and services purchased from other industries). Value Added is equal to Gross Domestic Product (GDP).

Value Added	Graves County	Kentucky
One-time Construction (Tables 1 / 2)	$10,780,500	$33,887,700
Annual Ongoing Operations (Tables 3 / 4)	$512,400	$586,400
One-time Decommissioning (Tables 5 /6)	$8,226,100	$16,800,700

Responding Witness: Fletcher Magnum

Request No. 63:

Refer to Application, Exhibit G, Economic Analysis. Table 1 and Table 5. Explain why the average per employee wage is higher for decommissioning activities as compared with construction activities.

Response:

Construction was modeled based on current Bureau of Labor Statistics average wages for the construction sector in Graves County, while the decommissioning activities were modeled based on detailed industry specific labor and labor cost estimates provided in the decommissioning plan, which were higher by comparison.

Responding Witness: Fletcher Magnum

Request No. 64:

Refer to Application, Exhibit G, Economic Analysis. Table 11. List the specific jurisdictions or county agencies included in the "Graves County" column.

Response:

"Graves County" includes Graves County Extension Services, Graves County Fiscal Court, the Graves County Health Department, J U Kevil Memorial Foundation, and Library jurisdictions.

Responding Witness: Fletcher Magnum

Request No. 65:

Refer to Application, Exhibit G, Economic Analysis. Explain whether Graves County levies an occupation tax on wages and salaries. If so, provide estimates of the occupational tax revenues generated during construction and over the course of the 40-year operational period.

Response:

Calculation of a potential occupational tax was not part of the scope of the economic impact analysis.

Responding Witness: Fletcher Magnum

Request No. 66:

Refer to MYSO's response to Staff's First Request, Item 74. Explain where the local benefits from lease payments are presented in the Economic Analysis.

Response:

The estimated local benefits associated with the portion of the total lease payments that would be local are included in Tables 3 and 4 in the "2nd Round Indirect and Induced Economic Activity".

Responding Witness: Fletcher Magnum

Request No. 67:

Refer to Application, Exhibit G, Economic Analysis. Explain if and how the payments to other local landowners as part of the Good Neighbor Agreements are incorporated into the Economic Analysis.

Response:

The Good Neighbor Agreement payments to other local landowners were not incorporated into the Economic Analysis.

Responding Witness: Fletcher Magnum

Request No. 68:

Refer to MYSO's response to Staff's First Request, Item 75. Explain whether the operations employment and the agricultural employment numbers should each be 7 FTEs that would be gained or lost from those sectors.

Response:

Based on the analysis of the Applicant's local ongoing operations and the generic agricultural analysis based on U.S. Census of Agriculture and IMPLAN averages in Graves County, that is correct.

Responding Witness: Fletcher Magnum

Request No. 69:

Refer to MYSO's response to Staff's First Request, Item 75. Explain how the benefits of the landowner lease payments and Good Neighbor Agreement payments are incorporated into the Graves County Net Impact estimates in the provided table.

Response:

The direct value of the lease payments is not included in the estimates of the Graves County Net Impact estimates. The analysis only includes the induced economic benefit of the local lease payments and does not incorporate the Good Neighbor Agreement payments.

Responding Witness: Fletcher Magnum

Request No. 70:

Refer to Application, Exhibit G, Economic Analysis, Fiscal Impact at 19 and Tables 7 -11. Explain whether the land owned by PARIA is currently tax exempt and will continue to be tax exempt under the Applicant lease.

Response:

PARIA's Mayfield site acreage is presently treated as tax-exempt industrial authority property, so Graves County receives essentially no ad valorem tax revenue from that land under current use. Under the Applicant's long-term lease, the actively used project acreage will be placed on the tax rolls and "reassessed at a commercial use value" and taxed on land, improvements, tangible personal property, and manufacturing machinery.

Responding Witness: Fletcher Mangum

Request No. 71:

Refer to Application, Exhibit G, Economic Analysis, Fiscal Impact. If PARIA land is tax exempt, explain any payment in lieu of taxes agreement which the Applicant intends to reach with the County, and provide a series of updated tables that indicate the amount of property taxes or other payments that will be made to Graves County jurisdictions over the life of the Project.

Response:

The Applicant has not yet approached Graves County about a payment-in-lieu-of-taxes (PILOT) agreement; therefore, the information was not included in the report. However, if the County is interested, Applicant anticipates proposing a PILOT structure that provides stable, predictable revenue over the life of the Project, likely in a range consistent with similar Kentucky solar projects.

Responding Witness: Jacqui Kitchen

Request No. 72:

Refer to MYSO's response to Staff's First Request, Item 98. Explain the difference between the stated 161,278 linear feet of fencing and the Decommissioning Plan's stated 163,768 linear feet of farm style fencing.

Response:

161,278 linear feet is the correct number for the farm style fencing.

Responding Witness: Matthew Batdorf

Request No. 73:

Refer to the Application, Amended Exhibit I, Decommissioning Plan. Provide a definition for the basin access roads and explain how they differ from internal access roads. Provide the length of basin access roads in linear feet.

Response:

As noted in Section 3.4 of the Decommissioning Plan, the road types will be graveled and are defined as: basin access roads being 10 feet wide, internal access roads being 16 feet wide, and substation access roads being 20 feet wide. The Project's preliminary design assumes approximately 59,000 linear feet of basin access roads. Basin access roads will be used to access the stormwater basins.

Responding Witness: Matthew Batdorf

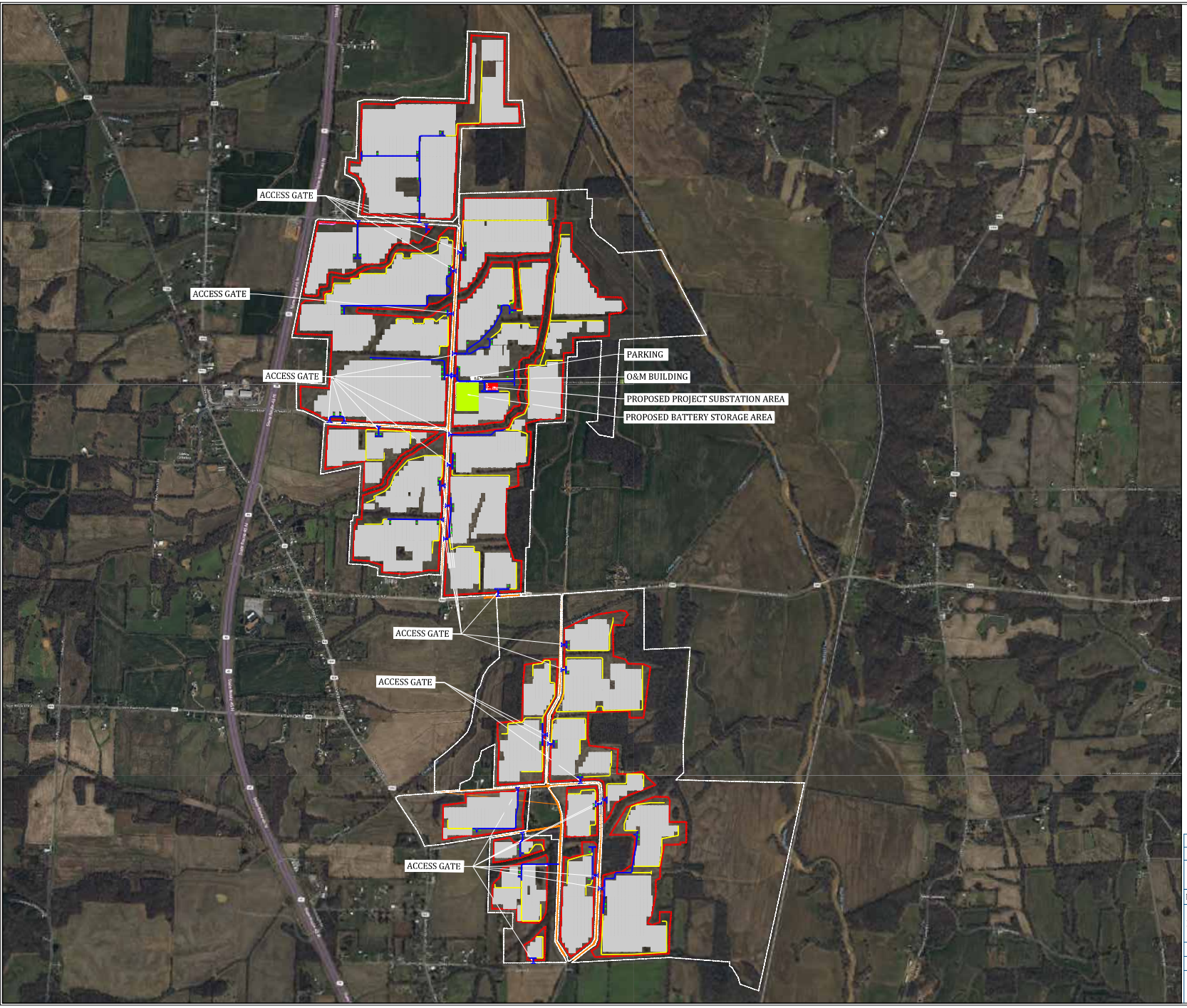
Request No. 74:

Refer to the Application, Amended Exhibit I, Decommissioning Plan. Provide a revised Site Layout map showing the locations and lengths of the 10-foot-wide basin access roads.

Response:

The basin access roads referenced in the Decommissioning Plan are illustrated in SAR Attachment A, as part of the "access roads" noted throughout the Project. To the extent the differentiation of roads assists with review, see attached; however, final locations of basin access roads will be decided by the Project's EPC contractor.

Responding Witness: Matthew Batdorf



NOT FOR CONSTRUCTION

N

W E

S

0' 900' 1800' 3600'

SCALE: 1"=900'

LEGEND:-	
SYMBOL	DESCRIPTION
	SITE BOUNDARY
	SITE FENCE
	SETBACK LINE FROM FENCE
	TRACKER
	INVERTER SKID
	ACCESS ROAD
	COUNTY ROAD
	RIGHT OF WAY (EXISTING OHL)
	ACCESS GATE
	BASIN ACCESS ROADS

DATE	REV.	REVISION HISTORY	DRN. BY	CKD. BY	APPD. BY
2026-05-04	00	FIRST ISSUE	SP	MA	KP

BRIGHTNIGHT	**BrightNight Power**
PROJECT NAME	MAYFIELD SOLAR
DRAWING TITLE	PLANT LAYOUT (PVS)

SCALE	PURPOSE CODE	SHEET SIZE	REV.	SHEET
1" = 900'	ISSUE FOR PERMIT	36" x 24"	00	2 OF 2

Request No. 75:

Provide any interconnection reports that involve this project that have yet to be submitted to the Siting Board.

Response:

No additional reports have been received since the Project's application filing.

Responding Witness: Jacqui Kitchen

Request No. 76:

Provide the total number of residential neighborhoods within 2000 feet of the Project.

Response:

As denoted in the Motion for Deviation from Setback Requirements filed on April 7, 2026, portions of six residential neighborhoods are located within 2,000 feet of the Project infrastructure. Response No. 90 to Siting Board Staff's first data request incorrectly stated seven neighborhoods are located within 2,000 feet of the Project.

Responding Witness: Matthew Batdorf

Request No. 77:

Provide, and explain in detail, what mitigation measures the Project will implement when constructing and placing infrastructure within a floodplain.

Response:

During siting and design, the Applicant will minimize infrastructure within the floodplain to the extent possible, and will use a variety of industry-accepted best practices to address any placement within the floodplain. Those include: (1) use of low-displacement driven steel piles for tracker rows so flood flows can pass freely between rows; (2) pile embedment and structural design assumptions that will account for scour and ASCE 7 flood/debris load combinations, and (3) maintenance of module leading-edge of at least 18 inches above the modeled design inundation depth. Additionally, all inverter skids, medium-voltage transformers, and MV junction boxes will avoid the FEMA floodplain, and any short collection-cable segments that must cross the floodplain will be buried below maximum scour depth. Internal access roads within the floodplain will use low-profile crowned aggregate sections with culverts or low-water crossings sized to pass design storm flows while preserving natural drainage patterns and avoiding off-site ponding. During construction, the Applicant will implement a full suite of erosion and sediment controls (including silt fence, fiber rolls, inlet protection, sediment basins, and stabilized entrances), limit and sequence disturbance in the floodplain with timely temporary stabilization, manage any dewatering discharges through filtration to upland vegetated areas under the SWPPP, and will halt construction activities during any periods of inundation, should they occur. After construction, all disturbed floodplain areas will be permanently stabilized with native or pollinator-friendly vegetation, as-built conditions will be checked against the no-rise hydraulic modeling assumptions,

and routine O&M inspections will include floodplain infrastructure, drainage features, and stream crossings, with prompt repair of any erosion, scour, or sedimentation observed after major storm events.

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Responding Witness: Ryan Turner

Request No. 78:

Provide all permits that will be required for construction within a floodplain.

Response:

Prior to construction, the Project will obtain a Permit to Construct Across or Along a Stream (e.g., a floodplain permit) from the Kentucky Energy and Environment Cabinet, Department for Environmental Protection, Division of Water (DOW). The Project will also engage the U.S. Army Corps of Engineers and DOW regarding any potential impacts to jurisdictional streams and wetlands, and the need for authorization under Section 404 of the Clean Water Act and associated Section 401 Water Quality Certification. At this time, it is anticipated that the Project will be designed and built to avoid all impacts to those resources that would require permits.

Responding Witness: Bob Roy

Request No. 79:

Provide whether the Project plans to use railroads for delivery of any Project components. If yes, provide what Project components would be delivered by rail.

Response:

The Project does not plan to use railroads for delivery or any Project component.

Responding Witness: Jacqui Kitchen

Request No. 80:

Provide the most likely drop off point for Project components being delivered by rail.

Response:

See Response No. 79 above.

Responding Witness: Jacqui Kitchen

Request No. 81:

Provide a map depicting where project cabling will be placed both above ground and below ground.

Response:

The requested map has not been created. Cabling design will be finalized in a later design phase in coordination with the Project's EPC contractor.

Responding Witness: Ryan Turner

Request No. 82:

Refer to MYSO's response to Staff's First Request, Item 102, Geotechnical Report at 1. Provide what mitigation/counter measures will be implemented should groundwater occur at depths Project infrastructure is proposed to be installed.

Response:

Where groundwater, perched water, or infiltrated stormwater is encountered at the depths of Project infrastructure, the EPC contractor will implement the following measures, consistent with Best Management Practices and Section 10.2 (Dewatering) of the Project's Geotechnical Report:

1. **Construction dewatering** of excavations, foundations, and trenches via localized sump-and-pump (or equivalent) to allow installation.

2. **Surface-water diversion** through interim grading, berms, and swales to keep stormwater out of open excavations and prepared subgrades.

3. **Discharge management** through filtering devices (dewatering bags, sediment traps), in compliance with the Project SWPPP and applicable local/state requirements.

4. **Subgrade protection** via temporary cover, geotextile fabric, and over-excavation/replacement of soft or saturated material with engineered fill.

5. **Foundation design accommodations** incorporating the design groundwater level into pile, pier, and shallow foundation design, with pre-drilling or alternative embedments where needed.

6. **Trench/excavation safety** (sloping, benching, or shoring) per OSHA requirements.

7. **Construction-phase observation** by a qualified geotechnical engineer or competent person with adaptive measures (additional dewatering, drains, or modified embedments) if conditions differ from the preliminary investigation.

8. **Post-construction drainage** (graded slopes, swales, culverts, basins) designed to maintain positive drainage away from foundations and equipment pads.

Responding Witness: Ryan Turner

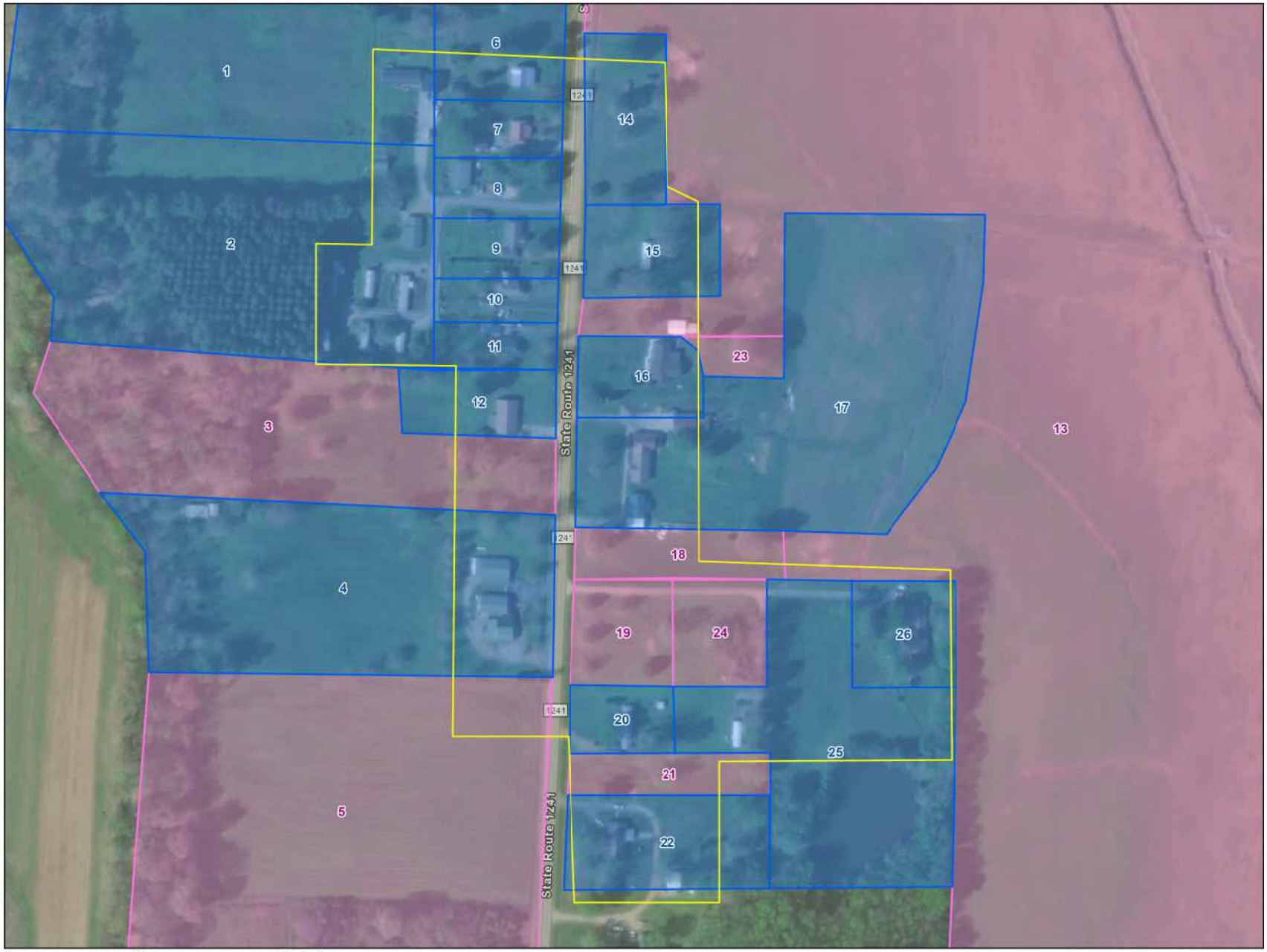
Request No. 83:

Refer to MYSO's motion for deviation from setback requirements (motion for deviation). Provide a parcel map for each Neighborhood 1 and Neighborhood 2 that were discussed in MYSO's motion for deviation. For each parcel identified, provide the total acreage and whether the parcel has a residential structure on the land. If there is a structure on the parcel, explain the structure's design, historical use, and current condition.

Response:

Parcel maps and tables for Neighborhoods 1 and 2 are attached. All residential structures appear to have historically been used as residences.

Responding Witness: Matthew Batdorf



Mayfield Solar
Graves County, KY

Neighborhood Parcels
Neighborhood 1

LEGEND

Neighborhood

Residence on Parcel?

No Residence on Parcel

Residence on Parcel

Data Sources:
ESRI Aerial Imagery 2023, Graves County PVA 2026

Prepared for: MYSO, LLC
Prepared by: Tetra Tech GIS Team (JH)
Updated: 4/30/2026

Spatial Reference
NAD 1983 StatePlane Kentucky South FIPS 1602 Feet

Mayfield Solar
Graves County, KY

Neighborhood Parcels
Neighborhood 2

LEGEND

Neighborhood

Residence on Parcel?

No Residence on Parcel

Residence on Parcel

Data Sources:
ESRI Aerial Imagery 2023, Graves County PVA 2026

Prepared for: MYSO, LLC
Prepared by: Tetra Tech GIS Team (JH)
Updated: 4/30/2026

Spatial Reference
NAD 1983 StatePlane Kentucky South FIPS 1602 Feet

Request No. 84:

Confirm the distance of generating equipment from the neighborhood was measured from the equipment to the closest home. If not confirmed, identify the beginning point of the measurement to the end point of the measurement for purposes of determining the measurements related to the motion for deviation.

Response:

Please refer to Response No. 40 above and the Motion for Deviation from Setback Requirements filed April 7, 2026. The Project's Motion for Deviation from Setback Requirements measured setback distances from the closest point of the nearest residential structure within each residential neighborhood to the closest point of the relevant generation component. Distances in the Acoustics Assessment, SAR Attachment D, were measured from approximate center point of each residential structure, but have been updated in the tables attached to Response No. 40 to reflect distances from closest point to closest point.

Responding Witness: Matthew Batdorf

Request No. 85:

Provide a table with the distances from the nearest nonparticipating residence (dwelling not property line) to the following:

a. Fencing;

b. Closest solar panel

c. Closest inverter;

d. Substations.

Response:

See attached.

Responding Witness: Matthew Batdorf

Project Component	Closest Residence	Residence Type	Distance (Feet)
Fence	R-118	Non-Participating	98
Solar Panel	R-33	Non-Participating	303
Inverter	R-57	Non-Participating	615
Substation	R-138	Non-Participating	2,687

Request No. 86:

Provide the estimated distance from the closest residence as it relates to each of the following:

a. The fence;

b. The panels;

c. The inverter;

d. The substation.

Response:

See Response No. 85 above.

Responding Witness: Matthew Batdorf

Request No. 87:

Refer to the motion for deviation. For each neighborhood provide a table with the distance to the following:

a. Fencing;

b. Closest solar panel;

c. Closest inverter;

d. Substation.

Response:

See attached.

Responding Witness: Matthew Batdorf

Distances from Neighborhood Boundaries				
Neighborhood	Closest Distance (Feet) to Fence	Closest Distance (Feet) to Panel	Closest Distance (Feet) to Inverter	Closest Distance (Feet) to Substation
1	6,926	7,043	8,010	13,486
2	4,278	4,380	5,258	10,618
3	1,628	1,659	2,529	6,258
4	2,521	2,565	3,444	6,785
5	1,810	1,931	2,808	5,934
6	1,654	1,941	2,343	5,669
7	718	829	1,774	5,142
8	8,882	8,957	9,918	13,043
9	4,195	4,302	5,338	8,853
10	2,063	2,126	2,914	7,099
11	1,752	1,805	2,410	11,100
12	2,171	2,252	3,062	12,252
13	434	486	1,036	10,154
14	7,830	7,882	8,495	16,032
15	2,848	2,926	4,245	15,104
16	2,515	2,659	3,567	14,889
17	2,320	2,383	3,548	14,924
18	4,820	4,894	6,225	17,109
19	7,857	7,926	9,048	20,173
20	9,766	9,837	10,900	22,091
21	10,760	10,818	12,819	14,023
22	5,516	5,735	7,143	9,614

Request No. 88:

Refer to the motion for deviation. For the closest residence (dwelling not property line) in each neighborhood provide a table with the distance to the following:

a. Fencing;

b. Closest solar panel;

c. Closest inverter;

d. Substation.

Response:

See attached.

Responding Witness: Matthew Batdorf

Distances from Closest Residences in Residential Neighborhoods				
Neighborhood	Closest Distance (Feet) to Fence	Closest Distance (Feet) to Panel	Closest Distance (Feet) to Inverter	Closest Distance (Feet) to Substation
1	7,082	7,198	8,161	13,633
2	4,325	4,427	5,302	10,657
3	1,714	1,744	2,615	6,322
4	2,622	2,665	3,542	6,886
5	1,847	1,968	2,855	5,971
6	1,669	1,955	2,358	5,683
7	745	855	1,786	5,158
8	8,990	9,065	10,026	13,149
9	4,250	4,357	5,393	8,907
10	2,102	2,164	2,950	7,200
11	1,810	1,863	2,466	11,153
12	2,215	2,300	3,135	12,324
13	464	516	1,069	10,179
14	7,960	8,012	8,624	16,109
15	2,895	2,976	4,290	15,158
16	2,546	2,686	3,595	14,927
17	2,345	2,408	3,582	14,954
18	4,847	4,921	6,248	17,136
19	7,895	7,964	9,088	20,209
20	9,795	9,866	10,932	22,118
21	10,839	10,897	12,901	14,103
22	5,553	5,772	7,171	9,672

Request No. 89:

Explain when the application will be filed for the nonregulated electric transmission line that will connect the Project to the point of interconnection.

Response:

The Applicant intends to submit a separate Construction Certificate application for a 161 kV nonregulated electric transmission line in Q3 or Q4 2026.

Responding Witness: Jacqui Kitchen

Request No. 90:

Provide a narrative description of the proposed transmission line and alternate route, including the number of poles to be installed, the height of the poles and the length and width of the transmission line corridor.

Response:

Refer to Response No. 4 to Siting Board Staff's first data request. A completed application containing a full description of the proposed route and appurtenances of the Project's anticipated gen-tie line will be provided as part of the Construction Certificate application for a nonregulated electric transmission line.

Responding Witness: Jacqui Kitchen

Request No. 91:

Explain how the proposed transmission route was determined.

Response:

The proposed transmission line route and determination process will be provided as part of the Construction Certificate application for a nonregulated electric transmission line.

Responding Witness: Jacqui Kitchen

Request No. 92:

Provide a map showing the existing property lines that the proposed transmission line is proposed to cross.

Response:

The requested map will be provided as part of the Construction Certificate application for a nonregulated electric transmission line.

Responding Witness: Jacqui Kitchen

Request No. 93:

Provide information on all electric transmission lines that intersect the project. Include in the response the owner, voltage, status, and right-of-way (ROW) setbacks.

Response:

No electric transmission lines intersect the Project.

Responding Witness: Jacqui Kitchen

Request No. 94:

Provide a detailed map of the proposed transmission line route and the alternate route, including proposed pole locations, access roads and nearby residences.

Response:

A map of the proposed transmission route will be provided as part of the Construction Certificate application for a nonregulated electric transmission line.

Responding Witness: Jacqui Kitchen

Request No. 95:

Provide any sketches of the proposed transmission line support structure.

Response:

Sketches of the proposed gen-tie line and supporting structures will be provided as part of the Construction Certificate application for a nonregulated electric transmission line.

Responding Witness: Jacqui Kitchen

Request No. 96:

Provide a table showing the distance between transmission line structures (poles) and nearby residences, for the proposed route and the alternate route.

Response:

The placement of structures associated with the gen-tie line will be determined at the time of submission of the Construction Certificate application for a nonregulated electric transmission line to the Siting Board.

Responding Witness: Bob Roy

Request No. 97:

State the number of individual parcels and landowners participating in the Project, including the transmission line.

Response:

The final transmission line corridor and related individual parcels and landowners will be determined at the time of submission of the Construction Certificate application for a nonregulated electric transmission line to the Siting Board.

Responding Witness: Jacqui Kitchen