



To: The State of Washington Energy Facility Site Evaluation Council (EFSEC)
From: Tetra Tech and Horse Heaven Wind Farm, LLC
Subject: Horse Heaven Wind Farm – Acoustic Model Sound Source Input Data
Date: November 2021

Tetra Tech determined that the acoustic model used to analyze potential Project noise impacts incorrectly applied the 79 dBA sound pressure level as a sound power level for the inverter/transformer block in the model. The acoustic model was revised to reflect the corrected sound power level for the inverter/transformer block and those values shown in the table below.

Revised - Modeled Octave Band Sound Power Level for Solar Equipment

Equipment	Octave Band Sound Power Level (dBA) by Frequency (Hz)									Broadband (dBA)
	31.5	63	125	250	500	1000	2000	4000	8000	
Inverter/Transformer Block	75	83	90	91	90	87	82	75	68	96

In order to assess whether revising the inverter sound source characteristics would affect the acoustic modeling analysis, Tetra Tech re-evaluated Project compliance using the “worst case” Option 1 wind turbine layout employing the GE 2.82 MW wind turbine. The original acoustic modeling results presented in the Application for Site Certification (ASC) are given versus the updated model incorporating the revised inverter sound source characteristics. While some received sound levels at noise sensitive receptors (NSRs) were affected by the incorporation of revised inverter sound source characteristics, compliance with the 50 dBA WAC 173-60 nighttime limit was maintained.

Revised versions of Figures 4.1.1-2, 4.1.1-3, 4.1.1-4, and 4.1.1-5 of the ASC (which display the resulting Operational Received Sound Levels for the Project) as well as a revised Appendix O (i.e., the Acoustic Modeling Results by Noise Sensitive Receptor) have been provided to EFSEC under separate cover.

Acoustic Modeling Results Summary – Comparison of Revised Inverter Sound Power Level

NSR ID	UTM Coordinates		Participant Status	Received Sound Levels, Project Operation (dBA)	
	Easting	Northing		Option 1, GE 2.82 with Noise Reduced Operation (NRO)	Option 1, GE 2.82 MW with NRO (Revised Inverter Sound Power Level)
1	322527	5112498	Outside Project	35	36
2	315941	5121131	Outside Project	34	35
3	316266	5107887	Outside Project	41	41
4	311189	5122573	Outside Project	37	37
5	343399	5110839	Outside Project	33	33
6	341511	5111069	Outside Project	35	35
7	311211	5122463	Outside Project	37	37
8	311198	5122395	Outside Project	37	37
9	316832	5117843	Outside Project	41	41
10	315988	5120729	Outside Project	34	34
11	316117	5120672	Outside Project	34	34

Acoustic Modeling Results Summary – Comparison of Revised Inverter Sound Power Level

NSR ID	UTM Coordinates		Participant Status	Received Sound Levels, Project Operation (dBA)	
	Easting	Northing		Option 1, GE 2.82 with Noise Reduced Operation (NRO)	Option 1, GE 2.82 MW with NRO (Revised Inverter Sound Power Level)
12	315628	5121270	Outside Project	35	35
13	315475	5121324	Outside Project	35	35
14	314438	5121311	Outside Project	36	36
15	314426	5121457	Outside Project	36	36
16	314618	5121534	Outside Project	36	36
17	314304	5121488	Outside Project	36	36
18	314081	5121412	Outside Project	36	37
19	314327	5121318	Outside Project	36	36
20	314289	5121388	Outside Project	36	36
21	314246	5121579	Outside Project	37	37
22	314165	5121746	Outside Project	37	37
23	314334	5121739	Outside Project	36	36
24	314057	5121960	Outside Project	36	37
25	314353	5121794	Outside Project	36	36
26	314363	5121942	Outside Project	36	36
27	314143	5122044	Outside Project	36	36
28	314370	5122040	Outside Project	36	36
29	314702	5121491	Outside Project	36	36
30	314417	5121876	Outside Project	36	36
31	314496	5122131	Outside Project	35	36
32	314662	5121788	Outside Project	36	36
33	315157	5121460	Outside Project	35	35
34	305706	5120908	Outside Project	44	48
35	343912	5109936	Outside Project	33	33
36	344091	5110176	Outside Project	32	33
37	343901	5110065	Outside Project	33	33
38	343989	5110045	Outside Project	32	33
39	344112	5110060	Outside Project	32	32
40	344203	5110049	Outside Project	32	32
41	344300	5110066	Outside Project	32	32
42	344434	5110034	Outside Project	32	33
43	343870	5110375	Outside Project	32	33
44	343931	5110360	Outside Project	32	32
45	343871	5110489	Outside Project	32	32
46	344206	5110180	Outside Project	32	32
47	344298	5110225	Outside Project	32	32
48	344284	5110235	Outside Project	32	32

Acoustic Modeling Results Summary – Comparison of Revised Inverter Sound Power Level

NSR ID	UTM Coordinates		Participant Status	Received Sound Levels, Project Operation (dBA)	
	Easting	Northing		Option 1, GE 2.82 with Noise Reduced Operation (NRO)	Option 1, GE 2.82 MW with NRO (Revised Inverter Sound Power Level)
49	343893	5110285	Outside Project	32	33
50	343911	5110169	Outside Project	33	33
51	343772	5110237	Outside Project	33	33
52	343686	5110377	Outside Project	33	33
53	343696	5110481	Outside Project	33	33
54	343724	5110564	Outside Project	32	32
55	343963	5110266	Outside Project	32	32
56	344001	5110401	Outside Project	32	32
57	344134	5110354	Outside Project	32	32
58	344346	5110338	Outside Project	32	32
59	344321	5110369	Outside Project	32	32
60	344422	5110514	Outside Project	31	32
61	343040	5110522	Outside Project	34	34
62	342987	5110545	Outside Project	34	34
63	342885	5110527	Outside Project	35	35
64	342888	5110573	Outside Project	34	35
65	343184	5110161	Outside Project	35	35
66	342904	5110640	Outside Project	34	34
67	342926	5110746	Outside Project	34	34
68	343020	5110863	Outside Project	33	34
69	342907	5110985	Outside Project	34	34
70	343043	5111066	Outside Project	33	33
71	342980	5111146	Outside Project	33	33
72	343267	5110849	Outside Project	33	33
73	344342	5110868	Outside Project	31	31
74	323245	5110995	Outside Project	41	42
75	322924	5111422	Outside Project	40	40
76	322770	5111247	Outside Project	40	40
77	342682	5110672	Outside Project	35	35
78	342633	5110657	Outside Project	35	35
79	342619	5110615	Outside Project	35	35
80	342581	5110589	Outside Project	35	35
81	342490	5110551	Outside Project	36	36
82	342495	5110524	Outside Project	36	36
83	342459	5110574	Outside Project	36	36
84	342480	5110650	Outside Project	35	35
85	342368	5110689	Outside Project	35	36

Acoustic Modeling Results Summary – Comparison of Revised Inverter Sound Power Level

NSR ID	UTM Coordinates		Participant Status	Received Sound Levels, Project Operation (dBA)	
	Easting	Northing		Option 1, GE 2.82 with Noise Reduced Operation (NRO)	Option 1, GE 2.82 MW with NRO (Revised Inverter Sound Power Level)
86	342055	5109945	Outside Project	39	39
87	342155	5109936	Outside Project	39	39
88	342271	5110235	Outside Project	37	38
89	342775	5109919	Outside Project	37	37
90	342753	5109918	Outside Project	37	37
91	342731	5109920	Outside Project	37	37
92	342708	5109921	Outside Project	37	37
93	342782	5109938	Outside Project	36	37
94	342760	5109938	Outside Project	36	37
95	342739	5109938	Outside Project	37	37
96	342717	5109941	Outside Project	37	37
97	342812	5110266	Outside Project	36	36
98	342152	5110120	Outside Project	38	38
99	342322	5110406	Outside Project	37	37
100	342404	5110497	Outside Project	36	36
101	341239	5110322	Outside Project	38	38
102	341592	5111107	Outside Project	35	35
103	341675	5110987	Outside Project	35	35
104	341417	5111355	Outside Project	34	34
105	341448	5111299	Outside Project	34	34
106	341401	5111227	Outside Project	35	35
107	341721	5110818	Outside Project	36	36
108	341262	5111094	Outside Project	35	35
109	341281	5111215	Outside Project	35	35
110	341294	5111557	Outside Project	34	34
111	342208	5110980	Outside Project	35	35
112	342085	5110772	Outside Project	36	36
113	342134	5110763	Outside Project	36	36
114	342212	5110768	Outside Project	35	36
115	342158	5110866	Outside Project	35	35
116	342196	5111104	Outside Project	34	34
117	342210	5111184	Outside Project	34	34
118	342243	5111288	Outside Project	34	34
119	342237	5111349	Outside Project	33	34
120	342159	5111479	Outside Project	33	33
121	342359	5111212	Outside Project	34	34
122	342324	5111255	Outside Project	34	34

Acoustic Modeling Results Summary – Comparison of Revised Inverter Sound Power Level

NSR ID	UTM Coordinates		Participant Status	Received Sound Levels, Project Operation (dBA)	
	Easting	Northing		Option 1, GE 2.82 with Noise Reduced Operation (NRO)	Option 1, GE 2.82 MW with NRO (Revised Inverter Sound Power Level)
123	342368	5111340	Outside Project	33	33
124	342517	5110751	Outside Project	35	35
125	342611	5110750	Outside Project	35	35
126	342663	5110739	Outside Project	35	35
127	342709	5110775	Outside Project	35	35
128	342320	5110787	Outside Project	35	35
129	342821	5110744	Outside Project	34	34
130	342829	5110767	Outside Project	34	34
131	312236	5121923	Outside Project	37	37
132	321816	5111474	Outside Project	41	41
133	340319	5110447	Outside Project	37	37
134	340326	5110959	Outside Project	34	35
135	340862	5111315	Outside Project	34	34
136	340792	5110626	Outside Project	36	36
137	320184	5111045	Returned Signed	44	44
138	310364	5112015	Returned Signed	45	45
139	310380	5112063	Returned Signed	45	45
140	310203	5112130	Returned Signed	45	45
141	310041	5112852	Returned Signed	48	48
142	308878	5123772	Outside Project	38	38
143	309032	5123782	Outside Project	38	38
144	309092	5123741	Outside Project	38	38
145	308714	5123714	Outside Project	39	39
146	308772	5123926	Outside Project	37	38
147	309134	5124017	Outside Project	37	37
148	310428	5122868	Outside Project	37	38
149	310578	5122868	Outside Project	37	37
150	310750	5122769	Outside Project	37	37
151	310650	5122831	Outside Project	37	37
152	310633	5122714	Outside Project	35	36
153	310694	5122725	Outside Project	36	36
154	310731	5122708	Outside Project	36	36
155	310774	5122650	Outside Project	35	35
156	310582	5123116	Outside Project	37	37
157	310544	5123113	Outside Project	37	37

Acoustic Modeling Results Summary – Comparison of Revised Inverter Sound Power Level

NSR ID	UTM Coordinates		Participant Status	Received Sound Levels, Project Operation (dBA)	
	Easting	Northing		Option 1, GE 2.82 with Noise Reduced Operation (NRO)	Option 1, GE 2.82 MW with NRO (Revised Inverter Sound Power Level)
158	310491	5123114	Outside Project	37	37
159	310461	5122815	Outside Project	37	38
160	310569	5122750	Outside Project	36	36
161	310551	5122837	Outside Project	37	37
162	310660	5123029	Outside Project	37	37
163	310738	5123016	Outside Project	37	37
164	310781	5123070	Outside Project	37	37
165	310658	5123066	Outside Project	37	37
166	310782	5122934	Outside Project	37	37
167	310594	5122979	Outside Project	37	37
168	309847	5123167	Outside Project	39	39
169	309516	5123445	Outside Project	39	39
170	309344	5123549	Outside Project	39	39
171	309280	5123670	Outside Project	38	38
172	309335	5123828	Outside Project	37	38
173	309385	5123754	Outside Project	37	38
174	309924	5123233	Outside Project	38	39
175	310056	5123141	Outside Project	38	39
176	310274	5113506	Returned Signed GNA	50	51
177	310436	5114156	Returned Signed GNA	52	53
178	339281	5103516	Outside Project	48	48
179	311561	5122108	Outside Project	37	37
180	311308	5122856	Outside Project	36	36
181	310852	5122966	Outside Project	37	37
182	340657	5111632	Outside Project	33	33
183	314001	5122286	Outside Project	36	36
184	314079	5122236	Outside Project	36	36
185	307216	5114584	Outside Project	45	46
186	305836	5114745	Returned Signed	40	41
187	334088	5104853	Outside Project	43	44
188	312195	5115958	Returned Signed	51	51
189	309427	5124111	Outside Project	36	36
190	309301	5124131	Outside Project	36	36
191	319207	5115533	Outside Project	37	37
192	328441	5104524	Returned Signed	49	51

Acoustic Modeling Results Summary – Comparison of Revised Inverter Sound Power Level

NSR ID	UTM Coordinates		Participant Status	Received Sound Levels, Project Operation (dBA)	
	Easting	Northing		Option 1, GE 2.82 with Noise Reduced Operation (NRO)	Option 1, GE 2.82 MW with NRO (Revised Inverter Sound Power Level)
193	309122	5124082	Outside Project	36	37
194	308981	5124357	Outside Project	36	36
195	318228	5107921	Returned Signed	46	46
196	337781	5106178	Outside Project	41	41
197	345136	5107928	Outside Project	34	35
198	344909	5108127	Outside Project	35	35
199	344856	5108168	Outside Project	35	35
200	345199	5107904	Outside Project	35	35
201	345342	5107828	Outside Project	35	35
202	345562	5108010	Outside Project	33	33
203	345501	5108019	Outside Project	34	34
204	345249	5108025	Outside Project	34	34
205	345324	5108022	Outside Project	34	34
206	345428	5108019	Outside Project	34	34
207	345121	5108028	Outside Project	34	34
208	345124	5108143	Outside Project	35	35
209	345395	5107809	Outside Project	34	34
210	345485	5107793	Outside Project	34	34
211	304543	5117998	In pursuit	41	49
212	343320	5108172	Returned Signed	48	49
213	311188	5117741	Returned Signed	49	49
214	317663	5111107	Returned Signed	53	54
215	328497	5110444	Outside Project	40	40
216	321513	5109870	Returned Signed	47	47
217	342153	5109898	Outside Project	39	40
218	342084	5109844	Outside Project	40	40
219	342799	5109811	Outside Project	37	37
220	342778	5109810	Outside Project	37	37
221	315340	5119635	Outside Project	42	42
222	315231	5110885	Returned Signed	50	52
223	315253	5110907	Returned Signed	51	52
224	344376	5109177	Outside Project	34	34
225	343971	5109136	Outside Project	33	33
226	344335	5109830	Outside Project	33	33

Acoustic Modeling Results Summary – Comparison of Revised Inverter Sound Power Level

NSR ID	UTM Coordinates		Participant Status	Received Sound Levels, Project Operation (dBA)	
	Easting	Northing		Option 1, GE 2.82 with Noise Reduced Operation (NRO)	Option 1, GE 2.82 MW with NRO (Revised Inverter Sound Power Level)
227	316529	5119245	Outside Project	37	37
228	316013	5120417	Outside Project	34	34
229	316055	5120339	Outside Project	34	34
230	316156	5120339	Outside Project	34	34
231	316178	5120254	Outside Project	34	35
232	316222	5120145	Outside Project	34	34
233	316298	5120067	Outside Project	35	35
234	316261	5120012	Outside Project	35	36
235	316237	5120012	Outside Project	36	36
236	345369	5108240	Outside Project	34	34
237	345215	5108307	Outside Project	35	35
238	344454	5108902	Outside Project	35	35
239	345144	5108318	Outside Project	34	34
240	345062	5108247	Outside Project	35	35
241	345025	5108259	Outside Project	35	35
242	344477	5109770	Outside Project	33	33
243	342777	5109789	Outside Project	37	37
244	342803	5109791	Outside Project	37	37
245	343715	5109962	Outside Project	33	33
246	343843	5110076	Outside Project	33	33
247	344068	5109969	Outside Project	32	33
248	344259	5109949	Outside Project	32	33
249	342778	5109769	Outside Project	37	37
250	342800	5109769	Outside Project	37	37
251	342776	5109750	Outside Project	37	37
252	342798	5109748	Outside Project	37	37
253	342624	5109776	Outside Project	38	38
254	342645	5109776	Outside Project	38	38
255	342624	5109755	Outside Project	38	38
256	342646	5109755	Outside Project	38	38
257	342666	5109775	Outside Project	37	38
258	342666	5109754	Outside Project	37	38
259	342684	5109774	Outside Project	37	37
260	342682	5109753	Outside Project	37	37
261	345618	5108005	Outside Project	33	33
262	345705	5107997	Outside Project	34	34
263	345803	5107990	Outside Project	33	33

Acoustic Modeling Results Summary – Comparison of Revised Inverter Sound Power Level

NSR ID	UTM Coordinates		Participant Status	Received Sound Levels, Project Operation (dBA)	
	Easting	Northing		Option 1, GE 2.82 with Noise Reduced Operation (NRO)	Option 1, GE 2.82 MW with NRO (Revised Inverter Sound Power Level)
264	345928	5107968	Outside Project	34	34
265	345429	5107760	Outside Project	34	34
266	345511	5107713	Outside Project	34	34
267	345546	5107676	Outside Project	34	34
268	345568	5107655	Outside Project	34	34
269	345606	5107690	Outside Project	33	33
270	345634	5107796	Outside Project	33	33
271	345705	5107792	Outside Project	33	33
272	345735	5107778	Outside Project	33	33
273	345759	5107774	Outside Project	33	33
274	345799	5107778	Outside Project	34	34
275	345903	5107785	Outside Project	33	33
276	345764	5107501	Outside Project	33	33
277	345887	5107464	Outside Project	33	33
278	345935	5107395	Outside Project	32	32
279	346006	5107725	Outside Project	33	33
280	346166	5107740	Outside Project	33	33
281	346336	5107752	Outside Project	32	32
282	346443	5107784	Outside Project	33	33
283	346530	5107768	Outside Project	32	32
284	346691	5107704	Outside Project	32	32
285	346740	5107700	Outside Project	32	32
286	346749	5107818	Outside Project	32	32
287	346244	5107876	Outside Project	33	33
288	346024	5107806	Outside Project	33	33
289	346015	5107864	Outside Project	33	34
290	346116	5107924	Outside Project	33	33
291	346132	5107959	Outside Project	33	33
292	346031	5108029	Outside Project	34	34
293	346079	5108102	Outside Project	33	33
294	346275	5108061	Outside Project	33	33
295	346045	5108185	Outside Project	33	33
296	345965	5108189	Outside Project	34	34
297	346216	5108170	Outside Project	33	33
298	346421	5108174	Outside Project	33	33
299	346605	5108171	Outside Project	32	33
300	346638	5108164	Outside Project	32	33

Acoustic Modeling Results Summary – Comparison of Revised Inverter Sound Power Level

NSR ID	UTM Coordinates		Participant Status	Received Sound Levels, Project Operation (dBA)	
	Easting	Northing		Option 1, GE 2.82 with Noise Reduced Operation (NRO)	Option 1, GE 2.82 MW with NRO (Revised Inverter Sound Power Level)
301	346824	5108189	Outside Project	32	32
302	346502	5108232	Outside Project	33	33
303	346608	5108380	Outside Project	32	32
304	346559	5108299	Outside Project	32	33
305	346514	5108311	Outside Project	32	33
306	346430	5108275	Outside Project	33	33
307	346368	5108281	Outside Project	33	33
308	346356	5108319	Outside Project	33	33
309	346170	5108281	Outside Project	33	33
310	346137	5108272	Outside Project	33	33
311	346113	5108302	Outside Project	33	34
312	346070	5108276	Outside Project	33	34
313	346038	5108283	Outside Project	34	34
314	346038	5108421	Outside Project	33	33
315	346065	5108378	Outside Project	33	33
316	346111	5108402	Outside Project	33	33
317	346171	5108370	Outside Project	33	33
318	346208	5108425	Outside Project	33	33
319	346177	5108486	Outside Project	33	33
320	346124	5108525	Outside Project	33	34
321	346076	5108484	Outside Project	33	33
322	346038	5108476	Outside Project	33	33
323	346044	5108536	Outside Project	33	34
324	346073	5108531	Outside Project	33	34
325	346440	5108501	Outside Project	33	33
326	346380	5108578	Outside Project	33	33
327	346235	5108592	Outside Project	33	33
328	346148	5108639	Outside Project	33	33
329	346068	5108602	Outside Project	33	33
330	346325	5108655	Outside Project	33	33
331	346830	5108438	Outside Project	32	32
332	346603	5108731	Outside Project	32	32
333	346148	5108781	Outside Project	33	33
334	346099	5108798	Outside Project	33	33
335	343998	5111019	Outside Project	31	31
336	344498	5111165	Outside Project	30	31
337	344490	5111129	Outside Project	30	31

Acoustic Modeling Results Summary – Comparison of Revised Inverter Sound Power Level

NSR ID	UTM Coordinates		Participant Status	Received Sound Levels, Project Operation (dBA)	
	Easting	Northing		Option 1, GE 2.82 with Noise Reduced Operation (NRO)	Option 1, GE 2.82 MW with NRO (Revised Inverter Sound Power Level)
338	344268	5111161	Outside Project	31	31
339	344156	5111234	Outside Project	31	31
340	344068	5111436	Outside Project	31	31
341	344140	5111358	Outside Project	31	31
342	344280	5111430	Outside Project	31	31
343	344360	5111422	Outside Project	31	31
344	344419	5111391	Outside Project	31	31
345	344017	5111439	Outside Project	31	31
346	344103	5111526	Outside Project	30	31
347	343954	5111501	Outside Project	31	31
348	343782	5111972	Outside Project	30	31
349	343810	5111919	Outside Project	30	31
350	343764	5111847	Outside Project	31	31
351	343850	5111740	Outside Project	31	31
352	343759	5111669	Outside Project	31	31
353	343859	5111521	Outside Project	31	31
354	343759	5111564	Outside Project	31	31
355	343906	5111446	Outside Project	31	31
356	343680	5111548	Outside Project	31	31
357	343693	5111649	Outside Project	31	31
358	343682	5111757	Outside Project	31	31
359	343682	5111817	Outside Project	31	31
360	343589	5111459	Outside Project	31	31
361	343167	5111340	Outside Project	32	33
362	343222	5111331	Outside Project	32	32
363	343041	5111341	Outside Project	33	33
364	342973	5111352	Outside Project	33	33
365	342968	5111549	Outside Project	32	33
366	343272	5111718	Outside Project	31	32
367	342964	5111933	Outside Project	31	32
368	343271	5111925	Outside Project	31	31
369	343347	5112025	Outside Project	31	31
370	343402	5112015	Outside Project	31	31
371	343453	5112013	Outside Project	31	31
372	343500	5111945	Outside Project	31	31
373	343696	5112004	Outside Project	31	31
374	343556	5112090	Outside Project	30	30

Acoustic Modeling Results Summary – Comparison of Revised Inverter Sound Power Level

NSR ID	UTM Coordinates		Participant Status	Received Sound Levels, Project Operation (dBA)	
	Easting	Northing		Option 1, GE 2.82 with Noise Reduced Operation (NRO)	Option 1, GE 2.82 MW with NRO (Revised Inverter Sound Power Level)
375	343497	5112108	Outside Project	30	31
376	343369	5112084	Outside Project	31	31
377	343293	5112120	Outside Project	31	31
378	343245	5112089	Outside Project	31	31
379	343086	5112289	Outside Project	31	31
380	342962	5112313	Outside Project	31	31
381	342969	5112333	Outside Project	31	31
382	342969	5112377	Outside Project	31	31
383	342884	5112395	Outside Project	31	31
384	342770	5112317	Outside Project	31	31
385	342452	5112381	Outside Project	31	31
386	342388	5112526	Outside Project	31	31
387	342208	5112509	Outside Project	31	31
388	342266	5112668	Outside Project	31	31
389	342024	5112509	Outside Project	31	31
390	341832	5112522	Outside Project	31	31
391	341731	5112415	Outside Project	31	32
392	341225	5112438	Outside Project	31	32
393	341161	5112652	Outside Project	31	31
394	341155	5112729	Outside Project	31	31
395	341073	5112735	Outside Project	31	31
396	341111	5112585	Outside Project	31	31
397	340933	5112571	Outside Project	31	31
398	340951	5112467	Outside Project	31	32
399	341098	5112474	Outside Project	31	32
400	341204	5112346	Outside Project	32	32
401	341201	5112274	Outside Project	32	32
402	341045	5112356	Outside Project	32	32
403	340934	5112352	Outside Project	32	32
404	341041	5112276	Outside Project	32	32
405	341016	5112145	Outside Project	32	32
406	341031	5112042	Outside Project	32	33
407	340967	5112066	Outside Project	32	32
408	340919	5112192	Outside Project	32	32
409	340841	5112298	Outside Project	32	32
410	340726	5112261	Outside Project	32	32
411	340652	5112298	Outside Project	32	32

Acoustic Modeling Results Summary – Comparison of Revised Inverter Sound Power Level

NSR ID	UTM Coordinates		Participant Status	Received Sound Levels, Project Operation (dBA)	
	Easting	Northing		Option 1, GE 2.82 with Noise Reduced Operation (NRO)	Option 1, GE 2.82 MW with NRO (Revised Inverter Sound Power Level)
412	340824	5112593	Outside Project	31	31
413	340645	5112647	Outside Project	31	31
414	340551	5112651	Outside Project	31	31
415	340640	5112458	Outside Project	31	31
416	340576	5112478	Outside Project	31	31
417	340497	5112483	Outside Project	31	31
418	340333	5112535	Outside Project	31	31
419	340508	5112330	Outside Project	32	32
420	340195	5112229	Outside Project	32	32
421	340156	5112272	Outside Project	31	32
422	340111	5112112	Outside Project	32	32
423	340073	5112355	Outside Project	31	31
424	339800	5112401	Outside Project	31	31
425	339901	5112207	Outside Project	31	32
426	339936	5112104	Outside Project	32	32
427	340073	5112016	Outside Project	32	32
428	339885	5111903	Outside Project	32	32
429	339838	5112088	Outside Project	32	32
430	339740	5112292	Outside Project	31	31
431	339577	5112200	Outside Project	31	31
432	339572	5112131	Outside Project	31	32
433	339492	5112095	Outside Project	31	32
434	339413	5112023	Outside Project	31	32
435	339314	5112016	Outside Project	31	31
436	339273	5112012	Outside Project	31	31
437	339513	5112047	Outside Project	31	32
438	339811	5111976	Outside Project	32	32
439	339812	5111885	Outside Project	32	32
440	339621	5111879	Outside Project	32	32
441	339411	5111939	Outside Project	31	32
442	339322	5111915	Outside Project	31	32
443	339266	5111901	Outside Project	31	32
444	339172	5111935	Outside Project	31	31
445	339095	5111818	Outside Project	31	31
446	339636	5111789	Outside Project	32	32
447	339796	5111791	Outside Project	32	32
448	339968	5111819	Outside Project	32	33

Acoustic Modeling Results Summary – Comparison of Revised Inverter Sound Power Level

NSR ID	UTM Coordinates		Participant Status	Received Sound Levels, Project Operation (dBA)	
	Easting	Northing		Option 1, GE 2.82 with Noise Reduced Operation (NRO)	Option 1, GE 2.82 MW with NRO (Revised Inverter Sound Power Level)
449	339896	5111737	Outside Project	32	33
450	339620	5111690	Outside Project	32	32
451	339367	5111705	Outside Project	31	32
452	339306	5111649	Outside Project	31	32
453	339359	5111579	Outside Project	31	32
454	339474	5111604	Outside Project	32	32
455	339508	5111507	Outside Project	32	32
456	339604	5111566	Outside Project	32	33
457	339593	5111459	Outside Project	33	33
458	338955	5111720	Outside Project	31	31
459	329141	5111993	Outside Project	36	36
460	320487	5112609	Outside Project	36	36
461	320676	5115361	Outside Project	35	35
462	320537	5115399	Outside Project	35	35
463	320333	5115110	Outside Project	36	36
464	319894	5115127	Outside Project	37	37
465	319602	5115120	Outside Project	38	38
466	319571	5115342	Outside Project	36	36
467	319769	5115354	Outside Project	37	37
468	319867	5115379	Outside Project	36	36
469	320046	5115311	Outside Project	36	36
470	319975	5115477	Outside Project	36	36
471	320281	5115340	Outside Project	35	36
472	320316	5115423	Outside Project	35	35
473	320185	5115452	Outside Project	35	36
474	320270	5115545	Outside Project	35	35
475	320285	5115603	Outside Project	35	35
476	320303	5115664	Outside Project	35	35
477	320314	5115717	Outside Project	35	35
478	320402	5115805	Outside Project	35	35
479	320386	5115913	Outside Project	35	35
480	320255	5116004	Outside Project	35	35
481	320266	5115852	Outside Project	35	35
482	320217	5115775	Outside Project	35	35
483	320204	5115674	Outside Project	35	36
484	320179	5115571	Outside Project	35	35
485	320057	5115599	Outside Project	36	36

Acoustic Modeling Results Summary – Comparison of Revised Inverter Sound Power Level

NSR ID	UTM Coordinates		Participant Status	Received Sound Levels, Project Operation (dBA)	
	Easting	Northing		Option 1, GE 2.82 with Noise Reduced Operation (NRO)	Option 1, GE 2.82 MW with NRO (Revised Inverter Sound Power Level)
486	320070	5115705	Outside Project	36	36
487	320119	5115795	Outside Project	35	36
488	320154	5115876	Outside Project	35	35
489	320188	5116008	Outside Project	35	35
490	320205	5116114	Outside Project	35	35
491	320114	5116141	Outside Project	35	35
492	320057	5116061	Outside Project	35	35
493	320048	5115983	Outside Project	35	35
494	320049	5115906	Outside Project	35	35
495	320036	5115827	Outside Project	35	36
496	320008	5115719	Outside Project	36	36
497	319979	5115660	Outside Project	36	36
498	319950	5115592	Outside Project	36	36
499	319673	5115476	Outside Project	37	37
500	319597	5115501	Outside Project	37	37
501	319423	5115520	Outside Project	37	37
502	319333	5115514	Outside Project	37	37
503	319275	5115587	Outside Project	37	37
504	319333	5115623	Outside Project	37	37
505	319436	5115664	Outside Project	37	37
506	319549	5115683	Outside Project	37	37
507	319545	5115591	Outside Project	37	37
508	319608	5115672	Outside Project	37	37
509	319664	5115621	Outside Project	36	37
510	319854	5115652	Outside Project	36	36
511	319892	5115770	Outside Project	36	36
512	319921	5115871	Outside Project	36	36
513	319939	5115962	Outside Project	35	36
514	319961	5116057	Outside Project	35	35
515	319971	5116132	Outside Project	35	35
516	319895	5116151	Outside Project	35	35
517	319855	5116053	Outside Project	35	36
518	319747	5115952	Outside Project	36	36
519	319819	5115736	Outside Project	36	36
520	319756	5115853	Outside Project	36	36
521	319657	5115895	Outside Project	36	36
522	319628	5115935	Outside Project	36	36

Acoustic Modeling Results Summary – Comparison of Revised Inverter Sound Power Level

NSR ID	UTM Coordinates		Participant Status	Received Sound Levels, Project Operation (dBA)	
	Easting	Northing		Option 1, GE 2.82 with Noise Reduced Operation (NRO)	Option 1, GE 2.82 MW with NRO (Revised Inverter Sound Power Level)
523	319681	5115994	Outside Project	36	36
524	319769	5116095	Outside Project	36	36
525	319725	5116184	Outside Project	36	36
526	319804	5116166	Outside Project	35	36
527	319672	5116113	Outside Project	36	36
528	319605	5116054	Outside Project	36	36
529	319666	5116207	Outside Project	36	36
530	319541	5115980	Outside Project	36	36
531	319465	5115938	Outside Project	36	37
532	319410	5115900	Outside Project	37	37
533	319350	5115871	Outside Project	37	37
534	319285	5115845	Outside Project	37	37
535	319213	5115873	Outside Project	37	37
536	319162	5115915	Outside Project	37	37
537	319264	5115963	Outside Project	37	37
538	319370	5115982	Outside Project	36	37
539	319434	5116031	Outside Project	36	36
540	319495	5116078	Outside Project	36	36
541	319549	5116130	Outside Project	36	36
542	319590	5116227	Outside Project	36	36
543	319526	5116247	Outside Project	36	36
544	319469	5116193	Outside Project	36	36
545	319376	5116157	Outside Project	36	36
546	319300	5116110	Outside Project	36	36
547	319208	5115989	Outside Project	37	37
548	319120	5115957	Outside Project	37	37
549	318898	5116021	Outside Project	37	37
550	319077	5116041	Outside Project	37	37
551	319122	5116099	Outside Project	37	37
552	319180	5116143	Outside Project	37	37
553	319261	5116200	Outside Project	36	36
554	319330	5116229	Outside Project	36	36
555	319375	5116262	Outside Project	36	36
556	319444	5116314	Outside Project	36	36
557	318028	5117215	Outside Project	37	37
558	317801	5117630	Outside Project	36	36
559	317715	5117614	Outside Project	36	36

Acoustic Modeling Results Summary – Comparison of Revised Inverter Sound Power Level

NSR ID	UTM Coordinates		Participant Status	Received Sound Levels, Project Operation (dBA)	
	Easting	Northing		Option 1, GE 2.82 with Noise Reduced Operation (NRO)	Option 1, GE 2.82 MW with NRO (Revised Inverter Sound Power Level)
560	317729	5117664	Outside Project	36	36
561	317599	5117720	Outside Project	36	36
562	317708	5117770	Outside Project	36	36
563	317499	5117791	Outside Project	36	36
564	317642	5117920	Outside Project	36	36
565	317500	5117890	Outside Project	36	37
566	317629	5117968	Outside Project	36	36
567	317492	5117990	Outside Project	36	36
568	317634	5118019	Outside Project	36	36
569	317403	5118115	Outside Project	35	36
570	317651	5118132	Outside Project	35	36
571	317622	5118239	Outside Project	36	36
572	317606	5118282	Outside Project	36	36
573	317369	5118334	Outside Project	35	36
574	317501	5118338	Outside Project	35	35
575	317435	5118425	Outside Project	35	35
576	317484	5118517	Outside Project	35	35
577	317477	5118583	Outside Project	35	35
578	317237	5118501	Outside Project	35	36
579	317526	5118878	Outside Project	35	35
580	317258	5118944	Outside Project	35	35
581	317897	5119271	Outside Project	36	36
582	317128	5119285	Outside Project	36	36
583	317101	5119242	Outside Project	36	36
584	316970	5119215	Outside Project	36	36
585	316825	5119187	Outside Project	36	36
586	316749	5119214	Outside Project	36	36
587	316635	5119177	Outside Project	37	37
588	316646	5119219	Outside Project	37	37
589	316661	5119271	Outside Project	37	37
590	316635	5119296	Outside Project	37	37
591	316763	5119358	Outside Project	37	37
592	316889	5119436	Outside Project	36	36
593	316939	5119382	Outside Project	36	36
594	317130	5119481	Outside Project	36	36
595	317013	5119569	Outside Project	36	36
596	317081	5119673	Outside Project	36	36

Acoustic Modeling Results Summary – Comparison of Revised Inverter Sound Power Level

NSR ID	UTM Coordinates		Participant Status	Received Sound Levels, Project Operation (dBA)	
	Easting	Northing		Option 1, GE 2.82 with Noise Reduced Operation (NRO)	Option 1, GE 2.82 MW with NRO (Revised Inverter Sound Power Level)
597	317282	5119630	Outside Project	36	36
598	317300	5119728	Outside Project	36	36
599	316996	5119954	Outside Project	36	36
600	317190	5120029	Outside Project	36	36
601	317183	5120070	Outside Project	36	36
602	317055	5120082	Outside Project	35	36
603	316825	5120057	Outside Project	35	36
604	316766	5120177	Outside Project	36	36
605	316876	5120186	Outside Project	35	36
606	317109	5120194	Outside Project	35	36
607	317108	5120275	Outside Project	35	35
608	317069	5120246	Outside Project	35	35
609	316940	5120366	Outside Project	35	35
610	316838	5120424	Outside Project	35	35
611	316842	5120325	Outside Project	35	36
612	316777	5120344	Outside Project	35	36
613	316767	5120485	Outside Project	35	35
614	316655	5120484	Outside Project	35	35
615	316440	5120054	Outside Project	36	36
616	316304	5120372	Outside Project	34	34
617	316491	5120473	Outside Project	35	35
618	316518	5120348	Outside Project	35	35
619	316429	5120659	Outside Project	34	35
620	317255	5120522	Outside Project	35	35
621	317268	5120574	Outside Project	35	35
622	317158	5120702	Outside Project	35	35
623	317039	5120776	Outside Project	35	35
624	316959	5120867	Outside Project	35	35
625	316789	5120630	Outside Project	35	35
626	316690	5120701	Outside Project	35	35
627	316581	5120751	Outside Project	34	35
628	316307	5120638	Outside Project	34	34
629	316243	5120470	Outside Project	34	34
630	316211	5120593	Outside Project	34	34
631	316300	5120732	Outside Project	34	34
632	316189	5120726	Outside Project	34	34
633	316092	5120724	Outside Project	34	34

Acoustic Modeling Results Summary – Comparison of Revised Inverter Sound Power Level

NSR ID	UTM Coordinates		Participant Status	Received Sound Levels, Project Operation (dBA)	
	Easting	Northing		Option 1, GE 2.82 with Noise Reduced Operation (NRO)	Option 1, GE 2.82 MW with NRO (Revised Inverter Sound Power Level)
634	316040	5120860	Outside Project	34	34
635	316203	5120829	Outside Project	34	34
636	316207	5120950	Outside Project	34	34
637	316058	5121058	Outside Project	34	34
638	316142	5121041	Outside Project	34	34
639	315829	5122119	Outside Project	35	35
640	315723	5122078	Outside Project	35	35
641	311455	5122754	Outside Project	36	36
642	311503	5123126	Outside Project	35	35
643	309717	5124035	Outside Project	36	36
644	309676	5124025	Outside Project	36	36
645	309493	5124229	Outside Project	36	36
646	309378	5124183	Outside Project	36	36
647	309231	5124289	Outside Project	36	36
648	309232	5124363	Outside Project	35	36
649	309286	5124454	Outside Project	35	35
650	309301	5124519	Outside Project	35	35
651	309330	5124552	Outside Project	35	35
652	309244	5124538	Outside Project	35	35
653	309183	5124548	Outside Project	35	35
654	309132	5124550	Outside Project	35	35
655	308955	5124464	Outside Project	35	36
656	308886	5124498	Outside Project	35	36
657	308830	5124487	Outside Project	35	36
658	308898	5124553	Outside Project	35	35
659	308949	5124653	Outside Project	35	35
660	308899	5124646	Outside Project	35	35
661	309086	5124694	Outside Project	34	35
662	309037	5124690	Outside Project	34	35
663	309015	5124694	Outside Project	34	35
664	309010	5124724	Outside Project	34	35
665	309018	5124750	Outside Project	34	35
666	308967	5124694	Outside Project	35	35
667	308973	5124765	Outside Project	34	35
668	308966	5124745	Outside Project	34	35
669	308945	5124783	Outside Project	34	35
670	308885	5124816	Outside Project	34	35

Acoustic Modeling Results Summary – Comparison of Revised Inverter Sound Power Level

NSR ID	UTM Coordinates		Participant Status	Received Sound Levels, Project Operation (dBA)	
	Easting	Northing		Option 1, GE 2.82 with Noise Reduced Operation (NRO)	Option 1, GE 2.82 MW with NRO (Revised Inverter Sound Power Level)
671	308890	5124711	Outside Project	35	35
672	308922	5124697	Outside Project	35	35
673	308844	5124614	Outside Project	35	35
674	308836	5124708	Outside Project	35	35
675	308848	5124766	Outside Project	34	35
676	308777	5124561	Outside Project	35	35
677	308613	5124773	Outside Project	34	35
678	308522	5124507	Outside Project	35	35
679	308510	5124729	Outside Project	35	35
680	308273	5124639	Outside Project	35	35
681	308707	5124865	Outside Project	34	35
682	308790	5124857	Outside Project	34	35
683	309128	5125195	Outside Project	33	34
684	308954	5125294	Outside Project	33	33
685	308827	5125420	Outside Project	33	33
686	309068	5125267	Outside Project	33	33
687	306223	5125739	Outside Project	31	32
688	306137	5125744	Outside Project	31	32
689	306051	5125733	Outside Project	31	32
690	306021	5125840	Outside Project	31	31
691	305960	5125694	Outside Project	31	32
692	305968	5125561	Outside Project	31	32
693	305998	5125358	Outside Project	30	30
694	305751	5125403	Outside Project	29	29
695	305681	5125428	Outside Project	29	30
696	305592	5125453	Outside Project	29	29
697	305555	5125518	Outside Project	29	30
698	305609	5125531	Outside Project	29	30
699	305690	5125544	Outside Project	30	31
700	305750	5125563	Outside Project	31	31
701	305828	5125535	Outside Project	31	32
702	305898	5125621	Outside Project	31	32
703	305894	5125784	Outside Project	31	31
704	305894	5125918	Outside Project	30	31
705	305802	5125868	Outside Project	30	31
706	305685	5125850	Outside Project	30	31
707	305764	5125715	Outside Project	31	31

Acoustic Modeling Results Summary – Comparison of Revised Inverter Sound Power Level

NSR ID	UTM Coordinates		Participant Status	Received Sound Levels, Project Operation (dBA)	
	Easting	Northing		Option 1, GE 2.82 with Noise Reduced Operation (NRO)	Option 1, GE 2.82 MW with NRO (Revised Inverter Sound Power Level)
708	305654	5125736	Outside Project	30	31
709	305695	5125627	Outside Project	31	31
710	305628	5125633	Outside Project	30	31
711	305559	5125626	Outside Project	30	31
712	305399	5125753	Outside Project	30	30
713	305489	5125785	Outside Project	30	31
714	305555	5125891	Outside Project	30	31
715	304324	5122576	Returned Signed	38	40
716	304305	5122514	Returned Signed	38	40
717	341441	5112080	Outside Project	32	32
718	316430	5120862	Outside Project	34	34
719	310357	5111955	Returned Signed	44	45
720	305603	5117058	Returned Signed	42	44
721	305226	5125970	Outside Project	30	30
722	305125	5126029	Outside Project	29	30
723	305076	5125918	Outside Project	29	30
724	304901	5126024	Outside Project	29	30
725	305244	5125896	Outside Project	30	30
726	305392	5125919	Outside Project	30	31
727	304838	5126014	Outside Project	28	30
728	304685	5126095	Outside Project	28	29
729	304589	5126133	Outside Project	28	29
730	304457	5126179	Outside Project	28	29
731	301056	5125955	Outside Project	24	27
732	300821	5125642	Outside Project	24	27
733	301021	5122446	Outside Project	32	34
734	301277	5118011	Outside Project	35	39
735	301313	5117993	Outside Project	36	39
736	301207	5117957	Outside Project	35	39
737	301264	5112414	Outside Project	34	36
738	298913	5110891	Outside Project	24	28
739	300696	5111311	Outside Project	31	33
740	303840	5109281	Outside Project	33	38
741	307726	5108345	Outside Project	33	36
742	315160	5109549	Outside Project	44	44

