

Project:

ZFT B alternativa Mezares

Licensed user:

SIA Estonian, Latvian &amp; Lithuanian environment

Vilandes 3-6

LV-1010 Riga

0037167242411

Kristiana / kristiana@environment.lv

Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

### Assumptions

Cmet: Meteorological correction

### Calculation Results

Noise sensitive area: Aizveji (kad. apz. 56960040532) Noise sensitive point: Danish 2019 low frequency - Regular dwellings (87)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,527	3,530	-2.10	96.9	-	0.00
B11	5,018	5,021	-5.44	96.9	-	0.00
B12	5,306	5,309	-5.97	96.9	-	0.00
B14	1,951	1,957	3.32	96.9	-	0.00
B15	4,879	4,881	-5.17	96.9	-	0.00
B17	4,565	4,568	-4.53	96.9	-	0.00
B18	4,843	4,846	-5.10	96.9	-	0.00
B2	4,641	4,643	-4.69	96.9	-	0.00
B22	2,085	2,090	2.72	96.9	-	0.00
B23	5,649	5,651	-6.57	96.9	-	0.00
B24	2,728	2,733	0.27	96.9	-	0.00
B25	3,348	3,351	-1.62	96.9	-	0.00
B3	7,440	7,442	-9.27	96.9	-	0.00
B4	4,222	4,225	-3.79	96.9	-	0.00
B5	6,274	6,276	-7.59	96.9	-	0.00
B7	6,054	6,056	-7.25	96.9	-	0.00
B9	6,094	6,096	-7.31	96.9	-	0.00
Sum			9.79			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,527	3,530	-2.10	96.9	-	0.00
B11	5,018	5,021	-5.44	96.9	-	0.00
B12	5,306	5,309	-5.97	96.9	-	0.00
B14	1,951	1,957	3.32	96.9	-	0.00
B15	4,879	4,881	-5.17	96.9	-	0.00
B17	4,565	4,568	-4.53	96.9	-	0.00
B18	4,843	4,846	-5.10	96.9	-	0.00
B2	4,641	4,643	-4.69	96.9	-	0.00
B22	2,085	2,090	2.72	96.9	-	0.00
B23	5,649	5,651	-6.57	96.9	-	0.00
B24	2,728	2,733	0.27	96.9	-	0.00
B25	3,348	3,351	-1.62	96.9	-	0.00
B3	7,440	7,442	-9.27	96.9	-	0.00
B4	4,222	4,225	-3.79	96.9	-	0.00
B5	6,274	6,276	-7.59	96.9	-	0.00
B7	6,054	6,056	-7.25	96.9	-	0.00
B9	6,094	6,096	-7.31	96.9	-	0.00
Sum			9.79			

- Data undefined due to calculation with octave data

Noise sensitive area: Arajī Noise sensitive point: Danish 2019 low frequency - Regular dwellings (100)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	5,488	5,490	-6.30	96.9	-	0.00
B11	5,226	5,229	-5.83	96.9	-	0.00
B12	5,501	5,504	-6.32	96.9	-	0.00
B14	8,145	8,147	-10.17	96.9	-	0.00
B15	4,336	4,339	-4.05	96.9	-	0.00
B17	4,739	4,742	-4.89	96.9	-	0.00
B18	4,735	4,738	-4.88	96.9	-	0.00
B2	4,363	4,366	-4.10	96.9	-	0.00

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Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

...continued from previous page

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B22	7,191	7,193	-8.93	96.9	-	0.00
B23	3,966	3,969	-3.20	96.9	-	0.00
B24	7,686	7,688	-9.59	96.9	-	0.00
B25	7,300	7,302	-9.08	96.9	-	0.00
B3	1,552	1,560	5.37	96.9	-	0.00
B4	4,803	4,805	-5.02	96.9	-	0.00
B5	2,808	2,813	0.00	96.9	-	0.00
B7	3,291	3,295	-1.46	96.9	-	0.00
B9	3,626	3,630	-2.37	96.9	-	0.00
Sum			9.61			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	5,488	5,490	-6.30	96.9	-	0.00
B11	5,226	5,229	-5.83	96.9	-	0.00
B12	5,501	5,504	-6.32	96.9	-	0.00
B14	8,145	8,147	-10.17	96.9	-	0.00
B15	4,336	4,339	-4.05	96.9	-	0.00
B17	4,739	4,742	-4.89	96.9	-	0.00
B18	4,735	4,738	-4.88	96.9	-	0.00
B2	4,363	4,366	-4.10	96.9	-	0.00
B22	7,191	7,193	-8.93	96.9	-	0.00
B23	3,966	3,969	-3.20	96.9	-	0.00
B24	7,686	7,688	-9.59	96.9	-	0.00
B25	7,300	7,302	-9.08	96.9	-	0.00
B3	1,552	1,560	5.37	96.9	-	0.00
B4	4,803	4,805	-5.02	96.9	-	0.00
B5	2,808	2,813	0.00	96.9	-	0.00
B7	3,291	3,295	-1.46	96.9	-	0.00
B9	3,626	3,630	-2.37	96.9	-	0.00
Sum			9.61			

- Data undefined due to calculation with octave data

Noise sensitive area: Ausmas Noise sensitive point: Danish 2019 low frequency - Regular dwellings (82)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,833	3,836	-2.88	96.9	-	0.00
B11	4,919	4,921	-5.24	96.9	-	0.00
B12	5,144	5,146	-5.67	96.9	-	0.00
B14	1,585	1,591	5.19	96.9	-	0.00
B15	4,985	4,987	-5.37	96.9	-	0.00
B17	4,960	4,962	-5.32	96.9	-	0.00
B18	4,857	4,859	-5.12	96.9	-	0.00
B2	4,912	4,914	-5.23	96.9	-	0.00
B22	2,081	2,086	2.74	96.9	-	0.00
B23	5,687	5,689	-6.64	96.9	-	0.00
B24	2,388	2,392	1.49	96.9	-	0.00
B25	3,033	3,036	-0.70	96.9	-	0.00
B3	7,668	7,669	-9.57	96.9	-	0.00
B4	4,412	4,414	-4.21	96.9	-	0.00
B5	6,445	6,447	-7.86	96.9	-	0.00
B7	6,156	6,158	-7.41	96.9	-	0.00
B9	6,133	6,135	-7.37	96.9	-	0.00
Sum			10.40			

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Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,833	3,836	-2.88	96.9	-	0.00
B11	4,919	4,921	-5.24	96.9	-	0.00
B12	5,144	5,146	-5.67	96.9	-	0.00
B14	1,585	1,591	5.19	96.9	-	0.00
B15	4,985	4,987	-5.37	96.9	-	0.00
B17	4,960	4,962	-5.32	96.9	-	0.00
B18	4,857	4,859	-5.12	96.9	-	0.00
B2	4,912	4,914	-5.23	96.9	-	0.00
B22	2,081	2,086	2.74	96.9	-	0.00
B23	5,687	5,689	-6.64	96.9	-	0.00
B24	2,388	2,392	1.49	96.9	-	0.00
B25	3,033	3,036	-0.70	96.9	-	0.00
B3	7,668	7,669	-9.57	96.9	-	0.00
B4	4,412	4,414	-4.21	96.9	-	0.00
B5	6,445	6,447	-7.86	96.9	-	0.00
B7	6,156	6,158	-7.41	96.9	-	0.00
B9	6,133	6,135	-7.37	96.9	-	0.00
Sum			10.40			

- Data undefined due to calculation with octave data

Noise sensitive area: Avenes Noise sensitive point: Danish 2019 low frequency - Regular dwellings (64)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,830	3,832	-2.87	96.9	-	0.00
B11	4,899	4,901	-5.21	96.9	-	0.00
B12	5,122	5,124	-5.63	96.9	-	0.00
B14	1,559	1,565	5.34	96.9	-	0.00
B15	4,973	4,975	-5.35	96.9	-	0.00
B17	4,960	4,962	-5.32	96.9	-	0.00
B18	4,840	4,842	-5.09	96.9	-	0.00
B2	4,907	4,909	-5.22	96.9	-	0.00
B22	2,067	2,072	2.80	96.9	-	0.00
B23	5,671	5,673	-6.61	96.9	-	0.00
B24	2,362	2,367	1.59	96.9	-	0.00
B25	3,007	3,010	-0.62	96.9	-	0.00
B3	7,659	7,661	-9.56	96.9	-	0.00
B4	4,403	4,405	-4.19	96.9	-	0.00
B5	6,435	6,436	-7.84	96.9	-	0.00
B7	6,143	6,145	-7.39	96.9	-	0.00
B9	6,117	6,119	-7.35	96.9	-	0.00
Sum			10.48			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,830	3,832	-2.87	96.9	-	0.00
B11	4,899	4,901	-5.21	96.9	-	0.00
B12	5,122	5,124	-5.63	96.9	-	0.00
B14	1,559	1,565	5.34	96.9	-	0.00
B15	4,973	4,975	-5.35	96.9	-	0.00
B17	4,960	4,962	-5.32	96.9	-	0.00
B18	4,840	4,842	-5.09	96.9	-	0.00
B2	4,907	4,909	-5.22	96.9	-	0.00
B22	2,067	2,072	2.80	96.9	-	0.00
B23	5,671	5,673	-6.61	96.9	-	0.00
B24	2,362	2,367	1.59	96.9	-	0.00
B25	3,007	3,010	-0.62	96.9	-	0.00
B3	7,659	7,661	-9.56	96.9	-	0.00
B4	4,403	4,405	-4.19	96.9	-	0.00
B5	6,435	6,436	-7.84	96.9	-	0.00

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Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

...continued from previous page

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B7	6,143	6,145	-7.39	96.9	-	0.00
B9	6,117	6,119	-7.35	96.9	-	0.00
Sum			10.48			

- Data undefined due to calculation with octave data

Noise sensitive area: Avotini Noise sensitive point: Danish 2019 low frequency - Regular dwellings (51)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,777	1,783	4.16	96.9	-	0.00
B11	4,519	4,522	-4.44	96.9	-	0.00
B12	5,003	5,005	-5.41	96.9	-	0.00
B14	3,387	3,390	-1.73	96.9	-	0.00
B15	3,594	3,597	-2.28	96.9	-	0.00
B17	2,224	2,230	2.13	96.9	-	0.00
B18	3,937	3,940	-3.13	96.9	-	0.00
B2	2,749	2,754	0.20	96.9	-	0.00
B22	2,469	2,474	1.18	96.9	-	0.00
B23	4,505	4,508	-4.41	96.9	-	0.00
B24	3,745	3,748	-2.67	96.9	-	0.00
B25	4,070	4,073	-3.45	96.9	-	0.00
B3	5,446	5,448	-6.22	96.9	-	0.00
B4	2,752	2,757	0.19	96.9	-	0.00
B5	4,554	4,556	-4.51	96.9	-	0.00
B7	4,615	4,617	-4.64	96.9	-	0.00
B9	4,892	4,894	-5.19	96.9	-	0.00
Sum			11.02			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,777	1,783	4.16	96.9	-	0.00
B11	4,519	4,522	-4.44	96.9	-	0.00
B12	5,003	5,005	-5.41	96.9	-	0.00
B14	3,387	3,390	-1.73	96.9	-	0.00
B15	3,594	3,597	-2.28	96.9	-	0.00
B17	2,224	2,230	2.13	96.9	-	0.00
B18	3,937	3,940	-3.13	96.9	-	0.00
B2	2,749	2,754	0.20	96.9	-	0.00
B22	2,469	2,474	1.18	96.9	-	0.00
B23	4,505	4,508	-4.41	96.9	-	0.00
B24	3,745	3,748	-2.67	96.9	-	0.00
B25	4,070	4,073	-3.45	96.9	-	0.00
B3	5,446	5,448	-6.22	96.9	-	0.00
B4	2,752	2,757	0.19	96.9	-	0.00
B5	4,554	4,556	-4.51	96.9	-	0.00
B7	4,615	4,617	-4.64	96.9	-	0.00
B9	4,892	4,894	-5.19	96.9	-	0.00
Sum			11.02			

- Data undefined due to calculation with octave data

Noise sensitive area: Berzkalnes Noise sensitive point: Danish 2019 low frequency - Regular dwellings (99)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,704	4,707	-4.82	96.9	-	0.00
B11	1,990	1,996	3.14	96.9	-	0.00
B12	1,470	1,479	5.85	96.9	-	0.00
B14	3,953	3,956	-3.17	96.9	-	0.00
B15	3,493	3,497	-2.02	96.9	-	0.00

To be continued on next page...

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Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

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WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B17	5,600	5,602	-6.49	96.9	-	0.00
B18	2,812	2,817	-0.01	96.9	-	0.00
B2	4,667	4,669	-4.74	96.9	-	0.00
B22	3,997	4,001	-3.28	96.9	-	0.00
B23	3,102	3,106	-0.91	96.9	-	0.00
B24	3,150	3,154	-1.06	96.9	-	0.00
B25	2,514	2,519	1.02	96.9	-	0.00
B3	5,651	5,653	-6.58	96.9	-	0.00
B4	4,013	4,016	-3.32	96.9	-	0.00
B5	4,467	4,470	-4.33	96.9	-	0.00
B7	3,772	3,776	-2.74	96.9	-	0.00
B9	3,250	3,254	-1.35	96.9	-	0.00
Sum			11.63			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,704	4,707	-4.82	96.9	-	0.00
B11	1,990	1,996	3.14	96.9	-	0.00
B12	1,470	1,479	5.85	96.9	-	0.00
B14	3,953	3,956	-3.17	96.9	-	0.00
B15	3,493	3,497	-2.02	96.9	-	0.00
B17	5,600	5,602	-6.49	96.9	-	0.00
B18	2,812	2,817	-0.01	96.9	-	0.00
B2	4,667	4,669	-4.74	96.9	-	0.00
B22	3,997	4,001	-3.28	96.9	-	0.00
B23	3,102	3,106	-0.91	96.9	-	0.00
B24	3,150	3,154	-1.06	96.9	-	0.00
B25	2,514	2,519	1.02	96.9	-	0.00
B3	5,651	5,653	-6.58	96.9	-	0.00
B4	4,013	4,016	-3.32	96.9	-	0.00
B5	4,467	4,470	-4.33	96.9	-	0.00
B7	3,772	3,776	-2.74	96.9	-	0.00
B9	3,250	3,254	-1.35	96.9	-	0.00
Sum			11.63			

- Data undefined due to calculation with octave data

Noise sensitive area: Biksti Noise sensitive point: Danish 2019 low frequency - Regular dwellings (12)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,731	1,738	4.39	96.9	-	0.00
B11	4,549	4,552	-4.50	96.9	-	0.00
B12	5,046	5,048	-5.49	96.9	-	0.00
B14	3,608	3,611	-2.32	96.9	-	0.00
B15	3,547	3,550	-2.16	96.9	-	0.00
B17	2,031	2,037	2.96	96.9	-	0.00
B18	3,931	3,934	-3.12	96.9	-	0.00
B2	2,631	2,635	0.60	96.9	-	0.00
B22	2,654	2,659	0.52	96.9	-	0.00
B23	4,459	4,461	-4.31	96.9	-	0.00
B24	3,931	3,934	-3.12	96.9	-	0.00
B25	4,227	4,230	-3.80	96.9	-	0.00
B3	5,275	5,277	-5.91	96.9	-	0.00
B4	2,704	2,708	0.35	96.9	-	0.00
B5	4,429	4,432	-4.25	96.9	-	0.00
B7	4,528	4,530	-4.46	96.9	-	0.00
B9	4,832	4,835	-5.08	96.9	-	0.00
Sum			11.13			

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ZFT B alternativa Mezares

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SIA Estonian, Latvian &amp; Lithuanian environment

Vilandes 3-6

LV-1010 Riga

0037167242411

Kristiana / kristiana@environment.lv

Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,731	1,738	4.39	96.9	-	0.00
B11	4,549	4,552	-4.50	96.9	-	0.00
B12	5,046	5,048	-5.49	96.9	-	0.00
B14	3,608	3,611	-2.32	96.9	-	0.00
B15	3,547	3,550	-2.16	96.9	-	0.00
B17	2,031	2,037	2.96	96.9	-	0.00
B18	3,931	3,934	-3.12	96.9	-	0.00
B2	2,631	2,635	0.60	96.9	-	0.00
B22	2,654	2,659	0.52	96.9	-	0.00
B23	4,459	4,461	-4.31	96.9	-	0.00
B24	3,931	3,934	-3.12	96.9	-	0.00
B25	4,227	4,230	-3.80	96.9	-	0.00
B3	5,275	5,277	-5.91	96.9	-	0.00
B4	2,704	2,708	0.35	96.9	-	0.00
B5	4,429	4,432	-4.25	96.9	-	0.00
B7	4,528	4,530	-4.46	96.9	-	0.00
B9	4,832	4,835	-5.08	96.9	-	0.00
Sum			11.13			

- Data undefined due to calculation with octave data

Noise sensitive area: Birzmalieš i Noise sensitive point: Danish 2019 low frequency - Regular dwellings (24)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	2,930	2,934	-0.39	96.9	-	0.00
B11	4,769	4,772	-4.95	96.9	-	0.00
B12	5,119	5,121	-5.63	96.9	-	0.00
B14	2,148	2,154	2.45	96.9	-	0.00
B15	4,430	4,433	-4.25	96.9	-	0.00
B17	3,894	3,897	-3.03	96.9	-	0.00
B18	4,484	4,487	-4.36	96.9	-	0.00
B2	4,055	4,058	-3.41	96.9	-	0.00
B22	1,877	1,884	3.67	96.9	-	0.00
B23	5,253	5,255	-5.87	96.9	-	0.00
B24	2,829	2,834	-0.07	96.9	-	0.00
B25	3,387	3,391	-1.73	96.9	-	0.00
B3	6,868	6,869	-8.48	96.9	-	0.00
B4	3,711	3,714	-2.58	96.9	-	0.00
B5	5,753	5,755	-6.75	96.9	-	0.00
B7	5,595	5,597	-6.48	96.9	-	0.00
B9	5,693	5,695	-6.65	96.9	-	0.00
Sum			10.23			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	2,930	2,934	-0.39	96.9	-	0.00
B11	4,769	4,772	-4.95	96.9	-	0.00
B12	5,119	5,121	-5.63	96.9	-	0.00
B14	2,148	2,154	2.45	96.9	-	0.00
B15	4,430	4,433	-4.25	96.9	-	0.00
B17	3,894	3,897	-3.03	96.9	-	0.00
B18	4,484	4,487	-4.36	96.9	-	0.00
B2	4,055	4,058	-3.41	96.9	-	0.00
B22	1,877	1,884	3.67	96.9	-	0.00
B23	5,253	5,255	-5.87	96.9	-	0.00
B24	2,829	2,834	-0.07	96.9	-	0.00
B25	3,387	3,391	-1.73	96.9	-	0.00
B3	6,868	6,869	-8.48	96.9	-	0.00
B4	3,711	3,714	-2.58	96.9	-	0.00
B5	5,753	5,755	-6.75	96.9	-	0.00

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## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

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WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B7	5,595	5,597	-6.48	96.9	-	0.00
B9	5,693	5,695	-6.65	96.9	-	0.00
Sum			10.23			

- Data undefined due to calculation with octave data

Noise sensitive area: Bisenieki Noise sensitive point: Danish 2019 low frequency - Regular dwellings (92)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,047	3,050	-0.75	96.9	-	0.00
B11	4,115	4,118	-3.55	96.9	-	0.00
B12	4,373	4,376	-4.13	96.9	-	0.00
B14	1,015	1,026	9.11	96.9	-	0.00
B15	4,139	4,142	-3.61	96.9	-	0.00
B17	4,220	4,223	-3.79	96.9	-	0.00
B18	4,018	4,020	-3.33	96.9	-	0.00
B2	4,101	4,103	-3.52	96.9	-	0.00
B22	1,236	1,246	7.38	96.9	-	0.00
B23	4,845	4,847	-5.10	96.9	-	0.00
B24	1,767	1,774	4.21	96.9	-	0.00
B25	2,381	2,386	1.52	96.9	-	0.00
B3	6,835	6,836	-8.43	96.9	-	0.00
B4	3,576	3,579	-2.23	96.9	-	0.00
B5	5,603	5,605	-6.50	96.9	-	0.00
B7	5,310	5,312	-5.98	96.9	-	0.00
B9	5,291	5,293	-5.94	96.9	-	0.00
Sum			13.60			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,047	3,050	-0.75	96.9	-	0.00
B11	4,115	4,118	-3.55	96.9	-	0.00
B12	4,373	4,376	-4.13	96.9	-	0.00
B14	1,015	1,026	9.11	96.9	-	0.00
B15	4,139	4,142	-3.61	96.9	-	0.00
B17	4,220	4,223	-3.79	96.9	-	0.00
B18	4,018	4,020	-3.33	96.9	-	0.00
B2	4,101	4,103	-3.52	96.9	-	0.00
B22	1,236	1,246	7.38	96.9	-	0.00
B23	4,845	4,847	-5.10	96.9	-	0.00
B24	1,767	1,774	4.21	96.9	-	0.00
B25	2,381	2,386	1.52	96.9	-	0.00
B3	6,835	6,836	-8.43	96.9	-	0.00
B4	3,576	3,579	-2.23	96.9	-	0.00
B5	5,603	5,605	-6.50	96.9	-	0.00
B7	5,310	5,312	-5.98	96.9	-	0.00
B9	5,291	5,293	-5.94	96.9	-	0.00
Sum			13.60			

- Data undefined due to calculation with octave data

Noise sensitive area: Bisenieki 3 Noise sensitive point: Danish 2019 low frequency - Regular dwellings (69)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,100	3,104	-0.91	96.9	-	0.00
B11	4,114	4,117	-3.55	96.9	-	0.00
B12	4,363	4,366	-4.10	96.9	-	0.00
B14	962	974	9.58	96.9	-	0.00
B15	4,165	4,168	-3.67	96.9	-	0.00

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## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

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WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B17	4,280	4,283	-3.92	96.9	-	0.00
B18	4,032	4,035	-3.36	96.9	-	0.00
B2	4,147	4,150	-3.62	96.9	-	0.00
B22	1,257	1,266	7.24	96.9	-	0.00
B23	4,862	4,864	-5.13	96.9	-	0.00
B24	1,727	1,733	4.42	96.9	-	0.00
B25	2,347	2,352	1.65	96.9	-	0.00
B3	6,873	6,875	-8.49	96.9	-	0.00
B4	3,614	3,617	-2.33	96.9	-	0.00
B5	5,636	5,638	-6.55	96.9	-	0.00
B7	5,334	5,336	-6.02	96.9	-	0.00
B9	5,308	5,310	-5.97	96.9	-	0.00
Sum			13.75			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,100	3,104	-0.91	96.9	-	0.00
B11	4,114	4,117	-3.55	96.9	-	0.00
B12	4,363	4,366	-4.10	96.9	-	0.00
B14	962	974	9.58	96.9	-	0.00
B15	4,165	4,168	-3.67	96.9	-	0.00
B17	4,280	4,283	-3.92	96.9	-	0.00
B18	4,032	4,035	-3.36	96.9	-	0.00
B2	4,147	4,150	-3.62	96.9	-	0.00
B22	1,257	1,266	7.24	96.9	-	0.00
B23	4,862	4,864	-5.13	96.9	-	0.00
B24	1,727	1,733	4.42	96.9	-	0.00
B25	2,347	2,352	1.65	96.9	-	0.00
B3	6,873	6,875	-8.49	96.9	-	0.00
B4	3,614	3,617	-2.33	96.9	-	0.00
B5	5,636	5,638	-6.55	96.9	-	0.00
B7	5,334	5,336	-6.02	96.9	-	0.00
B9	5,308	5,310	-5.97	96.9	-	0.00
Sum			13.75			

- Data undefined due to calculation with octave data

Noise sensitive area: Cerini Noise sensitive point: Danish 2019 low frequency - Regular dwellings (23)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,510	4,513	-4.42	96.9	-	0.00
B11	5,130	5,132	-5.65	96.9	-	0.00
B12	5,267	5,269	-5.90	96.9	-	0.00
B14	1,685	1,692	4.64	96.9	-	0.00
B15	5,440	5,442	-6.21	96.9	-	0.00
B17	5,696	5,698	-6.65	96.9	-	0.00
B18	5,208	5,210	-5.79	96.9	-	0.00
B2	5,537	5,539	-6.38	96.9	-	0.00
B22	2,560	2,564	0.85	96.9	-	0.00
B23	6,050	6,052	-7.24	96.9	-	0.00
B24	2,399	2,404	1.45	96.9	-	0.00
B25	3,025	3,029	-0.68	96.9	-	0.00
B3	8,217	8,219	-10.26	96.9	-	0.00
B4	4,966	4,968	-5.34	96.9	-	0.00
B5	6,947	6,949	-8.59	96.9	-	0.00
B7	6,585	6,587	-8.07	96.9	-	0.00
B9	6,489	6,490	-7.92	96.9	-	0.00
Sum			9.66			

- Data undefined due to calculation with octave data



Project:

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Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,510	4,513	-4.42	96.9	-	0.00
B11	5,130	5,132	-5.65	96.9	-	0.00
B12	5,267	5,269	-5.90	96.9	-	0.00
B14	1,685	1,692	4.64	96.9	-	0.00
B15	5,440	5,442	-6.21	96.9	-	0.00
B17	5,696	5,698	-6.65	96.9	-	0.00
B18	5,208	5,210	-5.79	96.9	-	0.00
B2	5,537	5,539	-6.38	96.9	-	0.00
B22	2,560	2,564	0.85	96.9	-	0.00
B23	6,050	6,052	-7.24	96.9	-	0.00
B24	2,399	2,404	1.45	96.9	-	0.00
B25	3,025	3,029	-0.68	96.9	-	0.00
B3	8,217	8,219	-10.26	96.9	-	0.00
B4	4,966	4,968	-5.34	96.9	-	0.00
B5	6,947	6,949	-8.59	96.9	-	0.00
B7	6,585	6,587	-8.07	96.9	-	0.00
B9	6,489	6,490	-7.92	96.9	-	0.00
Sum			9.66			

- Data undefined due to calculation with octave data

Noise sensitive area: Cuculi Noise sensitive point: Danish 2019 low frequency - Regular dwellings (86)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	2,884	2,888	-0.24	96.9	-	0.00
B11	4,183	4,186	-3.71	96.9	-	0.00
B12	4,474	4,477	-4.34	96.9	-	0.00
B14	1,280	1,290	7.07	96.9	-	0.00
B15	4,094	4,097	-3.50	96.9	-	0.00
B17	4,021	4,024	-3.34	96.9	-	0.00
B18	4,024	4,027	-3.34	96.9	-	0.00
B2	3,966	3,969	-3.20	96.9	-	0.00
B22	1,252	1,262	7.27	96.9	-	0.00
B23	4,838	4,841	-5.09	96.9	-	0.00
B24	1,989	1,996	3.14	96.9	-	0.00
B25	2,578	2,582	0.79	96.9	-	0.00
B3	6,732	6,734	-8.28	96.9	-	0.00
B4	3,483	3,486	-1.99	96.9	-	0.00
B5	5,527	5,529	-6.36	96.9	-	0.00
B7	5,270	5,272	-5.91	96.9	-	0.00
B9	5,285	5,287	-5.93	96.9	-	0.00
Sum			12.81			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	2,884	2,888	-0.24	96.9	-	0.00
B11	4,183	4,186	-3.71	96.9	-	0.00
B12	4,474	4,477	-4.34	96.9	-	0.00
B14	1,280	1,290	7.07	96.9	-	0.00
B15	4,094	4,097	-3.50	96.9	-	0.00
B17	4,021	4,024	-3.34	96.9	-	0.00
B18	4,024	4,027	-3.34	96.9	-	0.00
B2	3,966	3,969	-3.20	96.9	-	0.00
B22	1,252	1,262	7.27	96.9	-	0.00
B23	4,838	4,841	-5.09	96.9	-	0.00
B24	1,989	1,996	3.14	96.9	-	0.00
B25	2,578	2,582	0.79	96.9	-	0.00
B3	6,732	6,734	-8.28	96.9	-	0.00
B4	3,483	3,486	-1.99	96.9	-	0.00
B5	5,527	5,529	-6.36	96.9	-	0.00

To be continued on next page...

Project:

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Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

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WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B7	5,270	5,272	-5.91	96.9	-	0.00
B9	5,285	5,287	-5.93	96.9	-	0.00
Sum			12.81			

- Data undefined due to calculation with octave data

Noise sensitive area: Darzupites (Purenes) Noise sensitive point: Danish 2019 low frequency - Regular dwellings (18)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	2,024	2,031	2.98	96.9	-	0.00
B11	3,774	3,778	-2.74	96.9	-	0.00
B12	4,149	4,153	-3.63	96.9	-	0.00
B14	1,738	1,746	4.35	96.9	-	0.00
B15	3,414	3,418	-1.80	96.9	-	0.00
B17	3,130	3,134	-1.00	96.9	-	0.00
B18	3,462	3,466	-1.93	96.9	-	0.00
B2	3,131	3,135	-1.00	96.9	-	0.00
B22	1,002	1,016	9.20	96.9	-	0.00
B23	4,229	4,232	-3.81	96.9	-	0.00
B24	2,197	2,203	2.24	96.9	-	0.00
B25	2,643	2,648	0.56	96.9	-	0.00
B3	5,928	5,931	-7.04	96.9	-	0.00
B4	2,720	2,725	0.30	96.9	-	0.00
B5	4,771	4,774	-4.95	96.9	-	0.00
B7	4,584	4,587	-4.57	96.9	-	0.00
B9	4,670	4,673	-4.75	96.9	-	0.00
Sum			13.50			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	2,024	2,031	2.98	96.9	-	0.00
B11	3,774	3,778	-2.74	96.9	-	0.00
B12	4,149	4,153	-3.63	96.9	-	0.00
B14	1,738	1,746	4.35	96.9	-	0.00
B15	3,414	3,418	-1.80	96.9	-	0.00
B17	3,130	3,134	-1.00	96.9	-	0.00
B18	3,462	3,466	-1.93	96.9	-	0.00
B2	3,131	3,135	-1.00	96.9	-	0.00
B22	1,002	1,016	9.20	96.9	-	0.00
B23	4,229	4,232	-3.81	96.9	-	0.00
B24	2,197	2,203	2.24	96.9	-	0.00
B25	2,643	2,648	0.56	96.9	-	0.00
B3	5,928	5,931	-7.04	96.9	-	0.00
B4	2,720	2,725	0.30	96.9	-	0.00
B5	4,771	4,774	-4.95	96.9	-	0.00
B7	4,584	4,587	-4.57	96.9	-	0.00
B9	4,670	4,673	-4.75	96.9	-	0.00
Sum			13.50			

- Data undefined due to calculation with octave data

Noise sensitive area: Dravnieki Noise sensitive point: Danish 2019 low frequency - Regular dwellings (45)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,217	3,221	-1.25	96.9	-	0.00
B11	5,288	5,291	-5.94	96.9	-	0.00
B12	5,816	5,818	-6.86	96.9	-	0.00
B14	6,377	6,379	-7.75	96.9	-	0.00
B15	3,785	3,789	-2.77	96.9	-	0.00

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Vilandes 3-6

LV-1010 Riga

0037167242411

Kristiana / kristiana@environment.lv

Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

...continued from previous page

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B17	1,960	1,967	3.27	96.9	-	0.00
B18	4,467	4,469	-4.33	96.9	-	0.00
B2	2,665	2,669	0.48	96.9	-	0.00
B22	5,264	5,266	-5.89	96.9	-	0.00
B23	4,349	4,352	-4.07	96.9	-	0.00
B24	6,341	6,343	-7.70	96.9	-	0.00
B25	6,316	6,318	-7.66	96.9	-	0.00
B3	3,174	3,179	-1.13	96.9	-	0.00
B4	3,396	3,399	-1.75	96.9	-	0.00
B5	3,301	3,305	-1.49	96.9	-	0.00
B7	3,886	3,889	-3.01	96.9	-	0.00
B9	4,444	4,447	-4.28	96.9	-	0.00
Sum			9.79			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,217	3,221	-1.25	96.9	-	0.00
B11	5,288	5,291	-5.94	96.9	-	0.00
B12	5,816	5,818	-6.86	96.9	-	0.00
B14	6,377	6,379	-7.75	96.9	-	0.00
B15	3,785	3,789	-2.77	96.9	-	0.00
B17	1,960	1,967	3.27	96.9	-	0.00
B18	4,467	4,469	-4.33	96.9	-	0.00
B2	2,665	2,669	0.48	96.9	-	0.00
B22	5,264	5,266	-5.89	96.9	-	0.00
B23	4,349	4,352	-4.07	96.9	-	0.00
B24	6,341	6,343	-7.70	96.9	-	0.00
B25	6,316	6,318	-7.66	96.9	-	0.00
B3	3,174	3,179	-1.13	96.9	-	0.00
B4	3,396	3,399	-1.75	96.9	-	0.00
B5	3,301	3,305	-1.49	96.9	-	0.00
B7	3,886	3,889	-3.01	96.9	-	0.00
B9	4,444	4,447	-4.28	96.9	-	0.00
Sum			9.79			

- Data undefined due to calculation with octave data

Noise sensitive area: Druvas Noise sensitive point: Danish 2019 low frequency - Regular dwellings (16)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	975	989	9.44	96.9	-	0.00
B11	3,472	3,476	-1.96	96.9	-	0.00
B12	3,946	3,949	-3.16	96.9	-	0.00
B14	2,657	2,663	0.51	96.9	-	0.00
B15	2,680	2,685	0.43	96.9	-	0.00
B17	1,974	1,980	3.21	96.9	-	0.00
B18	2,936	2,941	-0.41	96.9	-	0.00
B2	2,096	2,103	2.67	96.9	-	0.00
B22	1,598	1,606	5.10	96.9	-	0.00
B23	3,575	3,579	-2.23	96.9	-	0.00
B24	2,851	2,856	-0.14	96.9	-	0.00
B25	3,090	3,095	-0.88	96.9	-	0.00
B3	4,907	4,910	-5.22	96.9	-	0.00
B4	1,870	1,877	3.70	96.9	-	0.00
B5	3,847	3,850	-2.92	96.9	-	0.00
B7	3,785	3,789	-2.77	96.9	-	0.00
B9	3,988	3,991	-3.26	96.9	-	0.00
Sum			14.28			

- Data undefined due to calculation with octave data

Project:

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Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	975	989	9.44	96.9	-	0.00
B11	3,472	3,476	-1.96	96.9	-	0.00
B12	3,946	3,949	-3.16	96.9	-	0.00
B14	2,657	2,663	0.51	96.9	-	0.00
B15	2,680	2,685	0.43	96.9	-	0.00
B17	1,974	1,980	3.21	96.9	-	0.00
B18	2,936	2,941	-0.41	96.9	-	0.00
B2	2,096	2,103	2.67	96.9	-	0.00
B22	1,598	1,606	5.10	96.9	-	0.00
B23	3,575	3,579	-2.23	96.9	-	0.00
B24	2,851	2,856	-0.14	96.9	-	0.00
B25	3,090	3,095	-0.88	96.9	-	0.00
B3	4,907	4,910	-5.22	96.9	-	0.00
B4	1,870	1,877	3.70	96.9	-	0.00
B5	3,847	3,850	-2.92	96.9	-	0.00
B7	3,785	3,789	-2.77	96.9	-	0.00
B9	3,988	3,991	-3.26	96.9	-	0.00
Sum			14.28			

- Data undefined due to calculation with octave data

Noise sensitive area: Ergliš i (Jaunie Vuš karnieki) Noise sensitive point: Danish 2019 low frequency - Regular dwellings (101)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	5,513	5,515	-6.34	96.9	-	0.00
B11	5,214	5,216	-5.80	96.9	-	0.00
B12	5,482	5,485	-6.29	96.9	-	0.00
B14	8,152	8,154	-10.18	96.9	-	0.00
B15	4,341	4,344	-4.06	96.9	-	0.00
B17	4,777	4,779	-4.97	96.9	-	0.00
B18	4,732	4,735	-4.88	96.9	-	0.00
B2	4,388	4,390	-4.16	96.9	-	0.00
B22	7,203	7,205	-8.95	96.9	-	0.00
B23	3,957	3,960	-3.18	96.9	-	0.00
B24	7,687	7,689	-9.59	96.9	-	0.00
B25	7,297	7,299	-9.08	96.9	-	0.00
B3	1,575	1,583	5.24	96.9	-	0.00
B4	4,819	4,821	-5.05	96.9	-	0.00
B5	2,815	2,820	-0.02	96.9	-	0.00
B7	3,287	3,291	-1.45	96.9	-	0.00
B9	3,612	3,616	-2.33	96.9	-	0.00
Sum			9.56			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	5,513	5,515	-6.34	96.9	-	0.00
B11	5,214	5,216	-5.80	96.9	-	0.00
B12	5,482	5,485	-6.29	96.9	-	0.00
B14	8,152	8,154	-10.18	96.9	-	0.00
B15	4,341	4,344	-4.06	96.9	-	0.00
B17	4,777	4,779	-4.97	96.9	-	0.00
B18	4,732	4,735	-4.88	96.9	-	0.00
B2	4,388	4,390	-4.16	96.9	-	0.00
B22	7,203	7,205	-8.95	96.9	-	0.00
B23	3,957	3,960	-3.18	96.9	-	0.00
B24	7,687	7,689	-9.59	96.9	-	0.00
B25	7,297	7,299	-9.08	96.9	-	0.00
B3	1,575	1,583	5.24	96.9	-	0.00
B4	4,819	4,821	-5.05	96.9	-	0.00
B5	2,815	2,820	-0.02	96.9	-	0.00

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## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

...continued from previous page

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B7	3,287	3,291	-1.45	96.9	-	0.00
B9	3,612	3,616	-2.33	96.9	-	0.00
Sum			9.56			

- Data undefined due to calculation with octave data

Noise sensitive area: Ezermali Noise sensitive point: Danish 2019 low frequency - Regular dwellings (6)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,095	4,098	-3.51	96.9	-	0.00
B11	2,580	2,585	0.78	96.9	-	0.00
B12	2,411	2,416	1.40	96.9	-	0.00
B14	2,098	2,105	2.66	96.9	-	0.00
B15	3,720	3,723	-2.60	96.9	-	0.00
B17	5,270	5,273	-5.91	96.9	-	0.00
B18	3,139	3,143	-1.02	96.9	-	0.00
B2	4,555	4,557	-4.51	96.9	-	0.00
B22	2,575	2,581	0.80	96.9	-	0.00
B23	3,840	3,843	-2.90	96.9	-	0.00
B24	1,374	1,384	6.44	96.9	-	0.00
B25	955	969	9.63	96.9	-	0.00
B3	6,460	6,462	-7.88	96.9	-	0.00
B4	3,811	3,815	-2.83	96.9	-	0.00
B5	5,134	5,136	-5.65	96.9	-	0.00
B7	4,533	4,536	-4.47	96.9	-	0.00
B9	4,182	4,186	-3.71	96.9	-	0.00
Sum			13.78			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,095	4,098	-3.51	96.9	-	0.00
B11	2,580	2,585	0.78	96.9	-	0.00
B12	2,411	2,416	1.40	96.9	-	0.00
B14	2,098	2,105	2.66	96.9	-	0.00
B15	3,720	3,723	-2.60	96.9	-	0.00
B17	5,270	5,273	-5.91	96.9	-	0.00
B18	3,139	3,143	-1.02	96.9	-	0.00
B2	4,555	4,557	-4.51	96.9	-	0.00
B22	2,575	2,581	0.80	96.9	-	0.00
B23	3,840	3,843	-2.90	96.9	-	0.00
B24	1,374	1,384	6.44	96.9	-	0.00
B25	955	969	9.63	96.9	-	0.00
B3	6,460	6,462	-7.88	96.9	-	0.00
B4	3,811	3,815	-2.83	96.9	-	0.00
B5	5,134	5,136	-5.65	96.9	-	0.00
B7	4,533	4,536	-4.47	96.9	-	0.00
B9	4,182	4,186	-3.71	96.9	-	0.00
Sum			13.78			

- Data undefined due to calculation with octave data

Noise sensitive area: Galvani Noise sensitive point: Danish 2019 low frequency - Regular dwellings (46)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,655	1,662	4.80	96.9	-	0.00
B11	4,537	4,540	-4.48	96.9	-	0.00
B12	5,066	5,068	-5.53	96.9	-	0.00
B14	4,236	4,239	-3.83	96.9	-	0.00
B15	3,317	3,321	-1.54	96.9	-	0.00

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Project:

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Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

...continued from previous page

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B17	1,381	1,390	6.41	96.9	-	0.00
B18	3,821	3,825	-2.86	96.9	-	0.00
B2	2,209	2,214	2.20	96.9	-	0.00
B22	3,191	3,195	-1.18	96.9	-	0.00
B23	4,204	4,206	-3.75	96.9	-	0.00
B24	4,438	4,440	-4.27	96.9	-	0.00
B25	4,631	4,634	-4.67	96.9	-	0.00
B3	4,618	4,620	-4.64	96.9	-	0.00
B4	2,513	2,517	1.02	96.9	-	0.00
B5	3,925	3,928	-3.11	96.9	-	0.00
B7	4,142	4,145	-3.61	96.9	-	0.00
B9	4,527	4,529	-4.45	96.9	-	0.00
Sum			12.07			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,655	1,662	4.80	96.9	-	0.00
B11	4,537	4,540	-4.48	96.9	-	0.00
B12	5,066	5,068	-5.53	96.9	-	0.00
B14	4,236	4,239	-3.83	96.9	-	0.00
B15	3,317	3,321	-1.54	96.9	-	0.00
B17	1,381	1,390	6.41	96.9	-	0.00
B18	3,821	3,825	-2.86	96.9	-	0.00
B2	2,209	2,214	2.20	96.9	-	0.00
B22	3,191	3,195	-1.18	96.9	-	0.00
B23	4,204	4,206	-3.75	96.9	-	0.00
B24	4,438	4,440	-4.27	96.9	-	0.00
B25	4,631	4,634	-4.67	96.9	-	0.00
B3	4,618	4,620	-4.64	96.9	-	0.00
B4	2,513	2,517	1.02	96.9	-	0.00
B5	3,925	3,928	-3.11	96.9	-	0.00
B7	4,142	4,145	-3.61	96.9	-	0.00
B9	4,527	4,529	-4.45	96.9	-	0.00
Sum			12.07			

- Data undefined due to calculation with octave data

Noise sensitive area: Galvani 1 Noise sensitive point: Danish 2019 low frequency - Regular dwellings (41)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,598	1,605	5.11	96.9	-	0.00
B11	4,271	4,274	-3.90	96.9	-	0.00
B12	4,748	4,751	-4.91	96.9	-	0.00
B14	3,122	3,126	-0.97	96.9	-	0.00
B15	3,401	3,404	-1.77	96.9	-	0.00
B17	2,201	2,207	2.23	96.9	-	0.00
B18	3,712	3,715	-2.58	96.9	-	0.00
B2	2,628	2,633	0.61	96.9	-	0.00
B22	2,187	2,193	2.28	96.9	-	0.00
B23	4,309	4,311	-3.99	96.9	-	0.00
B24	3,465	3,468	-1.94	96.9	-	0.00
B25	3,786	3,789	-2.77	96.9	-	0.00
B3	5,374	5,376	-6.09	96.9	-	0.00
B4	2,565	2,569	0.84	96.9	-	0.00
B5	4,429	4,432	-4.25	96.9	-	0.00
B7	4,452	4,455	-4.30	96.9	-	0.00
B9	4,705	4,708	-4.82	96.9	-	0.00
Sum			11.65			

- Data undefined due to calculation with octave data

Project:

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Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,598	1,605	5.11	96.9	-	0.00
B11	4,271	4,274	-3.90	96.9	-	0.00
B12	4,748	4,751	-4.91	96.9	-	0.00
B14	3,122	3,126	-0.97	96.9	-	0.00
B15	3,401	3,404	-1.77	96.9	-	0.00
B17	2,201	2,207	2.23	96.9	-	0.00
B18	3,712	3,715	-2.58	96.9	-	0.00
B2	2,628	2,633	0.61	96.9	-	0.00
B22	2,187	2,193	2.28	96.9	-	0.00
B23	4,309	4,311	-3.99	96.9	-	0.00
B24	3,465	3,468	-1.94	96.9	-	0.00
B25	3,786	3,789	-2.77	96.9	-	0.00
B3	5,374	5,376	-6.09	96.9	-	0.00
B4	2,565	2,569	0.84	96.9	-	0.00
B5	4,429	4,432	-4.25	96.9	-	0.00
B7	4,452	4,455	-4.30	96.9	-	0.00
B9	4,705	4,708	-4.82	96.9	-	0.00
Sum			11.65			

- Data undefined due to calculation with octave data

Noise sensitive area: Graudini Noise sensitive point: Danish 2019 low frequency - Regular dwellings (89)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,209	3,213	-1.23	96.9	-	0.00
B11	5,331	5,334	-6.02	96.9	-	0.00
B12	5,861	5,863	-6.93	96.9	-	0.00
B14	6,360	6,362	-7.73	96.9	-	0.00
B15	3,829	3,833	-2.88	96.9	-	0.00
B17	1,957	1,963	3.29	96.9	-	0.00
B18	4,509	4,512	-4.42	96.9	-	0.00
B2	2,693	2,697	0.39	96.9	-	0.00
B22	5,248	5,250	-5.87	96.9	-	0.00
B23	4,409	4,412	-4.20	96.9	-	0.00
B24	6,337	6,340	-7.69	96.9	-	0.00
B25	6,324	6,326	-7.67	96.9	-	0.00
B3	3,276	3,280	-1.42	96.9	-	0.00
B4	3,419	3,422	-1.82	96.9	-	0.00
B5	3,380	3,384	-1.71	96.9	-	0.00
B7	3,957	3,960	-3.18	96.9	-	0.00
B9	4,513	4,516	-4.43	96.9	-	0.00
Sum			9.71			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,209	3,213	-1.23	96.9	-	0.00
B11	5,331	5,334	-6.02	96.9	-	0.00
B12	5,861	5,863	-6.93	96.9	-	0.00
B14	6,360	6,362	-7.73	96.9	-	0.00
B15	3,829	3,833	-2.88	96.9	-	0.00
B17	1,957	1,963	3.29	96.9	-	0.00
B18	4,509	4,512	-4.42	96.9	-	0.00
B2	2,693	2,697	0.39	96.9	-	0.00
B22	5,248	5,250	-5.87	96.9	-	0.00
B23	4,409	4,412	-4.20	96.9	-	0.00
B24	6,337	6,340	-7.69	96.9	-	0.00
B25	6,324	6,326	-7.67	96.9	-	0.00
B3	3,276	3,280	-1.42	96.9	-	0.00
B4	3,419	3,422	-1.82	96.9	-	0.00
B5	3,380	3,384	-1.71	96.9	-	0.00

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Project:

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Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

...continued from previous page

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B7	3,957	3,960	-3.18	96.9	-	0.00
B9	4,513	4,516	-4.43	96.9	-	0.00
Sum			9.71			

- Data undefined due to calculation with octave data

Noise sensitive area: Ievas Noise sensitive point: Danish 2019 low frequency - Regular dwellings (19)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,670	3,672	-2.47	96.9	-	0.00
B11	4,689	4,692	-4.79	96.9	-	0.00
B12	4,913	4,915	-5.23	96.9	-	0.00
B14	1,357	1,365	6.57	96.9	-	0.00
B15	4,777	4,779	-4.96	96.9	-	0.00
B17	4,818	4,820	-5.05	96.9	-	0.00
B18	4,636	4,638	-4.68	96.9	-	0.00
B2	4,736	4,738	-4.88	96.9	-	0.00
B22	1,867	1,873	3.72	96.9	-	0.00
B23	5,468	5,470	-6.26	96.9	-	0.00
B24	2,161	2,166	2.40	96.9	-	0.00
B25	2,804	2,808	0.02	96.9	-	0.00
B3	7,477	7,479	-9.32	96.9	-	0.00
B4	4,219	4,221	-3.79	96.9	-	0.00
B5	6,246	6,247	-7.55	96.9	-	0.00
B7	5,946	5,947	-7.07	96.9	-	0.00
B9	5,914	5,916	-7.02	96.9	-	0.00
Sum			11.29			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,670	3,672	-2.47	96.9	-	0.00
B11	4,689	4,692	-4.79	96.9	-	0.00
B12	4,913	4,915	-5.23	96.9	-	0.00
B14	1,357	1,365	6.57	96.9	-	0.00
B15	4,777	4,779	-4.96	96.9	-	0.00
B17	4,818	4,820	-5.05	96.9	-	0.00
B18	4,636	4,638	-4.68	96.9	-	0.00
B2	4,736	4,738	-4.88	96.9	-	0.00
B22	1,867	1,873	3.72	96.9	-	0.00
B23	5,468	5,470	-6.26	96.9	-	0.00
B24	2,161	2,166	2.40	96.9	-	0.00
B25	2,804	2,808	0.02	96.9	-	0.00
B3	7,477	7,479	-9.32	96.9	-	0.00
B4	4,219	4,221	-3.79	96.9	-	0.00
B5	6,246	6,247	-7.55	96.9	-	0.00
B7	5,946	5,947	-7.07	96.9	-	0.00
B9	5,914	5,916	-7.02	96.9	-	0.00
Sum			11.29			

- Data undefined due to calculation with octave data

Noise sensitive area: Ives Noise sensitive point: Danish 2019 low frequency - Regular dwellings (39)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,811	3,813	-2.83	96.9	-	0.00
B11	4,817	4,819	-5.05	96.9	-	0.00
B12	5,033	5,035	-5.46	96.9	-	0.00
B14	1,457	1,464	5.94	96.9	-	0.00
B15	4,919	4,921	-5.24	96.9	-	0.00

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16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

...continued from previous page

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B17	4,956	4,958	-5.32	96.9	-	0.00
B18	4,773	4,775	-4.96	96.9	-	0.00
B2	4,879	4,881	-5.17	96.9	-	0.00
B22	2,008	2,013	3.06	96.9	-	0.00
B23	5,607	5,608	-6.50	96.9	-	0.00
B24	2,260	2,264	1.99	96.9	-	0.00
B25	2,906	2,909	-0.31	96.9	-	0.00
B3	7,621	7,622	-9.51	96.9	-	0.00
B4	4,363	4,365	-4.10	96.9	-	0.00
B5	6,389	6,390	-7.77	96.9	-	0.00
B7	6,087	6,089	-7.30	96.9	-	0.00
B9	6,052	6,054	-7.24	96.9	-	0.00
Sum			10.81			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,811	3,813	-2.83	96.9	-	0.00
B11	4,817	4,819	-5.05	96.9	-	0.00
B12	5,033	5,035	-5.46	96.9	-	0.00
B14	1,457	1,464	5.94	96.9	-	0.00
B15	4,919	4,921	-5.24	96.9	-	0.00
B17	4,956	4,958	-5.32	96.9	-	0.00
B18	4,773	4,775	-4.96	96.9	-	0.00
B2	4,879	4,881	-5.17	96.9	-	0.00
B22	2,008	2,013	3.06	96.9	-	0.00
B23	5,607	5,608	-6.50	96.9	-	0.00
B24	2,260	2,264	1.99	96.9	-	0.00
B25	2,906	2,909	-0.31	96.9	-	0.00
B3	7,621	7,622	-9.51	96.9	-	0.00
B4	4,363	4,365	-4.10	96.9	-	0.00
B5	6,389	6,390	-7.77	96.9	-	0.00
B7	6,087	6,089	-7.30	96.9	-	0.00
B9	6,052	6,054	-7.24	96.9	-	0.00
Sum			10.81			

- Data undefined due to calculation with octave data

Noise sensitive area: Jaunberzi Noise sensitive point: Danish 2019 low frequency - Regular dwellings (97)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,268	4,270	-3.90	96.9	-	0.00
B11	4,711	4,714	-4.83	96.9	-	0.00
B12	4,833	4,835	-5.08	96.9	-	0.00
B14	1,287	1,296	7.03	96.9	-	0.00
B15	5,086	5,089	-5.57	96.9	-	0.00
B17	5,483	5,485	-6.29	96.9	-	0.00
B18	4,822	4,824	-5.05	96.9	-	0.00
B2	5,257	5,259	-5.88	96.9	-	0.00
B22	2,254	2,259	2.01	96.9	-	0.00
B23	5,664	5,666	-6.60	96.9	-	0.00
B24	1,963	1,970	3.26	96.9	-	0.00
B25	2,582	2,587	0.77	96.9	-	0.00
B3	7,890	7,892	-9.85	96.9	-	0.00
B4	4,655	4,658	-4.72	96.9	-	0.00
B5	6,604	6,606	-8.09	96.9	-	0.00
B7	6,217	6,219	-7.50	96.9	-	0.00
B9	6,099	6,101	-7.32	96.9	-	0.00
Sum			11.22			

- Data undefined due to calculation with octave data

Project:

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Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,268	4,270	-3.90	96.9	-	0.00
B11	4,711	4,714	-4.83	96.9	-	0.00
B12	4,833	4,835	-5.08	96.9	-	0.00
B14	1,287	1,296	7.03	96.9	-	0.00
B15	5,086	5,089	-5.57	96.9	-	0.00
B17	5,483	5,485	-6.29	96.9	-	0.00
B18	4,822	4,824	-5.05	96.9	-	0.00
B2	5,257	5,259	-5.88	96.9	-	0.00
B22	2,254	2,259	2.01	96.9	-	0.00
B23	5,664	5,666	-6.60	96.9	-	0.00
B24	1,963	1,970	3.26	96.9	-	0.00
B25	2,582	2,587	0.77	96.9	-	0.00
B3	7,890	7,892	-9.85	96.9	-	0.00
B4	4,655	4,658	-4.72	96.9	-	0.00
B5	6,604	6,606	-8.09	96.9	-	0.00
B7	6,217	6,219	-7.50	96.9	-	0.00
B9	6,099	6,101	-7.32	96.9	-	0.00
Sum			11.22			

- Data undefined due to calculation with octave data

Noise sensitive area: Jaundruvas Noise sensitive point: Danish 2019 low frequency - Regular dwellings (5)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,026	1,039	9.01	96.9	-	0.00
B11	3,498	3,502	-2.03	96.9	-	0.00
B12	3,968	3,972	-3.21	96.9	-	0.00
B14	2,627	2,632	0.61	96.9	-	0.00
B15	2,722	2,727	0.29	96.9	-	0.00
B17	2,022	2,029	2.99	96.9	-	0.00
B18	2,970	2,975	-0.51	96.9	-	0.00
B2	2,147	2,153	2.45	96.9	-	0.00
B22	1,575	1,584	5.23	96.9	-	0.00
B23	3,615	3,619	-2.34	96.9	-	0.00
B24	2,833	2,838	-0.08	96.9	-	0.00
B25	3,083	3,087	-0.86	96.9	-	0.00
B3	4,959	4,961	-5.32	96.9	-	0.00
B4	1,915	1,922	3.49	96.9	-	0.00
B5	3,896	3,899	-3.04	96.9	-	0.00
B7	3,830	3,834	-2.88	96.9	-	0.00
B9	4,029	4,033	-3.35	96.9	-	0.00
Sum			14.09			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,026	1,039	9.01	96.9	-	0.00
B11	3,498	3,502	-2.03	96.9	-	0.00
B12	3,968	3,972	-3.21	96.9	-	0.00
B14	2,627	2,632	0.61	96.9	-	0.00
B15	2,722	2,727	0.29	96.9	-	0.00
B17	2,022	2,029	2.99	96.9	-	0.00
B18	2,970	2,975	-0.51	96.9	-	0.00
B2	2,147	2,153	2.45	96.9	-	0.00
B22	1,575	1,584	5.23	96.9	-	0.00
B23	3,615	3,619	-2.34	96.9	-	0.00
B24	2,833	2,838	-0.08	96.9	-	0.00
B25	3,083	3,087	-0.86	96.9	-	0.00
B3	4,959	4,961	-5.32	96.9	-	0.00
B4	1,915	1,922	3.49	96.9	-	0.00
B5	3,896	3,899	-3.04	96.9	-	0.00

To be continued on next page...

Project:

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## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

...continued from previous page

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B7	3,830	3,834	-2.88	96.9	-	0.00
B9	4,029	4,033	-3.35	96.9	-	0.00
Sum			14.09			

- Data undefined due to calculation with octave data

Noise sensitive area: Jaundruvas 1 Noise sensitive point: Danish 2019 low frequency - Regular dwellings (50)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	957	971	9.61	96.9	-	0.00
B11	3,378	3,382	-1.70	96.9	-	0.00
B12	3,848	3,851	-2.92	96.9	-	0.00
B14	2,571	2,576	0.81	96.9	-	0.00
B15	2,618	2,623	0.65	96.9	-	0.00
B17	2,012	2,019	3.04	96.9	-	0.00
B18	2,855	2,860	-0.15	96.9	-	0.00
B2	2,082	2,089	2.73	96.9	-	0.00
B22	1,501	1,510	5.66	96.9	-	0.00
B23	3,508	3,512	-2.06	96.9	-	0.00
B24	2,749	2,754	0.20	96.9	-	0.00
B25	2,982	2,987	-0.55	96.9	-	0.00
B3	4,895	4,898	-5.20	96.9	-	0.00
B4	1,818	1,826	3.95	96.9	-	0.00
B5	3,815	3,818	-2.84	96.9	-	0.00
B7	3,735	3,738	-2.64	96.9	-	0.00
B9	3,924	3,928	-3.11	96.9	-	0.00
Sum			14.49			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	957	971	9.61	96.9	-	0.00
B11	3,378	3,382	-1.70	96.9	-	0.00
B12	3,848	3,851	-2.92	96.9	-	0.00
B14	2,571	2,576	0.81	96.9	-	0.00
B15	2,618	2,623	0.65	96.9	-	0.00
B17	2,012	2,019	3.04	96.9	-	0.00
B18	2,855	2,860	-0.15	96.9	-	0.00
B2	2,082	2,089	2.73	96.9	-	0.00
B22	1,501	1,510	5.66	96.9	-	0.00
B23	3,508	3,512	-2.06	96.9	-	0.00
B24	2,749	2,754	0.20	96.9	-	0.00
B25	2,982	2,987	-0.55	96.9	-	0.00
B3	4,895	4,898	-5.20	96.9	-	0.00
B4	1,818	1,826	3.95	96.9	-	0.00
B5	3,815	3,818	-2.84	96.9	-	0.00
B7	3,735	3,738	-2.64	96.9	-	0.00
B9	3,924	3,928	-3.11	96.9	-	0.00
Sum			14.49			

- Data undefined due to calculation with octave data

Noise sensitive area: Jaunie Robež nieki Noise sensitive point: Danish 2019 low frequency - Regular dwellings (105)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,068	4,071	-3.44	96.9	-	0.00
B11	1,426	1,435	6.12	96.9	-	0.00
B12	958	972	9.59	96.9	-	0.00
B14	3,468	3,472	-1.95	96.9	-	0.00
B15	2,920	2,924	-0.36	96.9	-	0.00

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Project:

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Calculated:

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## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

...continued from previous page

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B17	4,984	4,987	-5.37	96.9	-	0.00
B18	2,237	2,242	2.08	96.9	-	0.00
B2	4,065	4,068	-3.44	96.9	-	0.00
B22	3,411	3,415	-1.80	96.9	-	0.00
B23	2,629	2,634	0.61	96.9	-	0.00
B24	2,667	2,672	0.48	96.9	-	0.00
B25	2,021	2,027	3.00	96.9	-	0.00
B3	5,245	5,247	-5.86	96.9	-	0.00
B4	3,395	3,399	-1.75	96.9	-	0.00
B5	4,006	4,009	-3.30	96.9	-	0.00
B7	3,324	3,328	-1.55	96.9	-	0.00
B9	2,842	2,846	-0.11	96.9	-	0.00
Sum			14.08			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,068	4,071	-3.44	96.9	-	0.00
B11	1,426	1,435	6.12	96.9	-	0.00
B12	958	972	9.59	96.9	-	0.00
B14	3,468	3,472	-1.95	96.9	-	0.00
B15	2,920	2,924	-0.36	96.9	-	0.00
B17	4,984	4,987	-5.37	96.9	-	0.00
B18	2,237	2,242	2.08	96.9	-	0.00
B2	4,065	4,068	-3.44	96.9	-	0.00
B22	3,411	3,415	-1.80	96.9	-	0.00
B23	2,629	2,634	0.61	96.9	-	0.00
B24	2,667	2,672	0.48	96.9	-	0.00
B25	2,021	2,027	3.00	96.9	-	0.00
B3	5,245	5,247	-5.86	96.9	-	0.00
B4	3,395	3,399	-1.75	96.9	-	0.00
B5	4,006	4,009	-3.30	96.9	-	0.00
B7	3,324	3,328	-1.55	96.9	-	0.00
B9	2,842	2,846	-0.11	96.9	-	0.00
Sum			14.08			

- Data undefined due to calculation with octave data

Noise sensitive area: Jaunlakstigalas Noise sensitive point: Danish 2019 low frequency - Regular dwellings (21)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,935	3,937	-3.13	96.9	-	0.00
B11	4,727	4,729	-4.87	96.9	-	0.00
B12	4,910	4,912	-5.23	96.9	-	0.00
B14	1,297	1,305	6.97	96.9	-	0.00
B15	4,931	4,933	-5.27	96.9	-	0.00
B17	5,113	5,115	-5.61	96.9	-	0.00
B18	4,740	4,742	-4.89	96.9	-	0.00
B2	4,975	4,977	-5.35	96.9	-	0.00
B22	2,026	2,031	2.98	96.9	-	0.00
B23	5,579	5,581	-6.45	96.9	-	0.00
B24	2,082	2,086	2.74	96.9	-	0.00
B25	2,727	2,731	0.28	96.9	-	0.00
B3	7,679	7,681	-9.58	96.9	-	0.00
B4	4,422	4,424	-4.23	96.9	-	0.00
B5	6,424	6,425	-7.82	96.9	-	0.00
B7	6,089	6,090	-7.30	96.9	-	0.00
B9	6,022	6,024	-7.19	96.9	-	0.00
Sum			11.29			

- Data undefined due to calculation with octave data

Project:

ZFT B alternativa Mezares

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Vilandes 3-6

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Kristiana / kristiana@environment.lv

Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,935	3,937	-3.13	96.9	-	0.00
B11	4,727	4,729	-4.87	96.9	-	0.00
B12	4,910	4,912	-5.23	96.9	-	0.00
B14	1,297	1,305	6.97	96.9	-	0.00
B15	4,931	4,933	-5.27	96.9	-	0.00
B17	5,113	5,115	-5.61	96.9	-	0.00
B18	4,740	4,742	-4.89	96.9	-	0.00
B2	4,975	4,977	-5.35	96.9	-	0.00
B22	2,026	2,031	2.98	96.9	-	0.00
B23	5,579	5,581	-6.45	96.9	-	0.00
B24	2,082	2,086	2.74	96.9	-	0.00
B25	2,727	2,731	0.28	96.9	-	0.00
B3	7,679	7,681	-9.58	96.9	-	0.00
B4	4,422	4,424	-4.23	96.9	-	0.00
B5	6,424	6,425	-7.82	96.9	-	0.00
B7	6,089	6,090	-7.30	96.9	-	0.00
B9	6,022	6,024	-7.19	96.9	-	0.00
Sum			11.29			

- Data undefined due to calculation with octave data

Noise sensitive area: Jaunrudzati Noise sensitive point: Danish 2019 low frequency - Regular dwellings (32)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,607	4,609	-4.62	96.9	-	0.00
B11	5,313	5,315	-5.98	96.9	-	0.00
B12	5,459	5,461	-6.24	96.9	-	0.00
B14	1,863	1,869	3.74	96.9	-	0.00
B15	5,589	5,591	-6.47	96.9	-	0.00
B17	5,776	5,778	-6.79	96.9	-	0.00
B18	5,373	5,375	-6.09	96.9	-	0.00
B2	5,650	5,652	-6.58	96.9	-	0.00
B22	2,693	2,697	0.39	96.9	-	0.00
B23	6,214	6,216	-7.50	96.9	-	0.00
B24	2,593	2,597	0.74	96.9	-	0.00
B25	3,223	3,226	-1.27	96.9	-	0.00
B3	8,350	8,351	-10.42	96.9	-	0.00
B4	5,094	5,096	-5.58	96.9	-	0.00
B5	7,089	7,090	-8.79	96.9	-	0.00
B7	6,740	6,741	-8.29	96.9	-	0.00
B9	6,655	6,656	-8.17	96.9	-	0.00
Sum			9.09			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,607	4,609	-4.62	96.9	-	0.00
B11	5,313	5,315	-5.98	96.9	-	0.00
B12	5,459	5,461	-6.24	96.9	-	0.00
B14	1,863	1,869	3.74	96.9	-	0.00
B15	5,589	5,591	-6.47	96.9	-	0.00
B17	5,776	5,778	-6.79	96.9	-	0.00
B18	5,373	5,375	-6.09	96.9	-	0.00
B2	5,650	5,652	-6.58	96.9	-	0.00
B22	2,693	2,697	0.39	96.9	-	0.00
B23	6,214	6,216	-7.50	96.9	-	0.00
B24	2,593	2,597	0.74	96.9	-	0.00
B25	3,223	3,226	-1.27	96.9	-	0.00
B3	8,350	8,351	-10.42	96.9	-	0.00
B4	5,094	5,096	-5.58	96.9	-	0.00
B5	7,089	7,090	-8.79	96.9	-	0.00

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Project:

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16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

...continued from previous page

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B7	6,740	6,741	-8.29	96.9	-	0.00
B9	6,655	6,656	-8.17	96.9	-	0.00
Sum			9.09			

- Data undefined due to calculation with octave data

Noise sensitive area: Kalna Galvani Noise sensitive point: Danish 2019 low frequency - Regular dwellings (10)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	941	953	9.77	96.9	-	0.00
B11	3,811	3,814	-2.83	96.9	-	0.00
B12	4,341	4,344	-4.06	96.9	-	0.00
B14	3,804	3,807	-2.81	96.9	-	0.00
B15	2,603	2,607	0.70	96.9	-	0.00
B17	941	953	9.77	96.9	-	0.00
B18	3,095	3,098	-0.89	96.9	-	0.00
B2	1,553	1,560	5.36	96.9	-	0.00
B22	2,710	2,714	0.33	96.9	-	0.00
B23	3,498	3,502	-2.03	96.9	-	0.00
B24	3,901	3,904	-3.05	96.9	-	0.00
B25	4,028	4,031	-3.35	96.9	-	0.00
B3	4,161	4,164	-3.66	96.9	-	0.00
B4	1,788	1,795	4.10	96.9	-	0.00
B5	3,331	3,334	-1.57	96.9	-	0.00
B7	3,482	3,485	-1.99	96.9	-	0.00
B9	3,837	3,840	-2.89	96.9	-	0.00
Sum			15.23			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	941	953	9.77	96.9	-	0.00
B11	3,811	3,814	-2.83	96.9	-	0.00
B12	4,341	4,344	-4.06	96.9	-	0.00
B14	3,804	3,807	-2.81	96.9	-	0.00
B15	2,603	2,607	0.70	96.9	-	0.00
B17	941	953	9.77	96.9	-	0.00
B18	3,095	3,098	-0.89	96.9	-	0.00
B2	1,553	1,560	5.36	96.9	-	0.00
B22	2,710	2,714	0.33	96.9	-	0.00
B23	3,498	3,502	-2.03	96.9	-	0.00
B24	3,901	3,904	-3.05	96.9	-	0.00
B25	4,028	4,031	-3.35	96.9	-	0.00
B3	4,161	4,164	-3.66	96.9	-	0.00
B4	1,788	1,795	4.10	96.9	-	0.00
B5	3,331	3,334	-1.57	96.9	-	0.00
B7	3,482	3,485	-1.99	96.9	-	0.00
B9	3,837	3,840	-2.89	96.9	-	0.00
Sum			15.23			

- Data undefined due to calculation with octave data

Noise sensitive area: Kalnares Noise sensitive point: Danish 2019 low frequency - Regular dwellings (14)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,372	1,380	6.47	96.9	-	0.00
B11	4,161	4,164	-3.66	96.9	-	0.00
B12	4,657	4,659	-4.72	96.9	-	0.00
B14	3,325	3,329	-1.56	96.9	-	0.00
B15	3,191	3,194	-1.17	96.9	-	0.00

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## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

...continued from previous page

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B17	1,856	1,862	3.77	96.9	-	0.00
B18	3,553	3,557	-2.18	96.9	-	0.00
B2	2,338	2,343	1.68	96.9	-	0.00
B22	2,327	2,332	1.72	96.9	-	0.00
B23	4,103	4,105	-3.52	96.9	-	0.00
B24	3,599	3,603	-2.30	96.9	-	0.00
B25	3,868	3,871	-2.97	96.9	-	0.00
B3	5,051	5,054	-5.50	96.9	-	0.00
B4	2,348	2,353	1.64	96.9	-	0.00
B5	4,142	4,145	-3.61	96.9	-	0.00
B7	4,203	4,205	-3.75	96.9	-	0.00
B9	4,485	4,488	-4.37	96.9	-	0.00
Sum			12.33			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,372	1,380	6.47	96.9	-	0.00
B11	4,161	4,164	-3.66	96.9	-	0.00
B12	4,657	4,659	-4.72	96.9	-	0.00
B14	3,325	3,329	-1.56	96.9	-	0.00
B15	3,191	3,194	-1.17	96.9	-	0.00
B17	1,856	1,862	3.77	96.9	-	0.00
B18	3,553	3,557	-2.18	96.9	-	0.00
B2	2,338	2,343	1.68	96.9	-	0.00
B22	2,327	2,332	1.72	96.9	-	0.00
B23	4,103	4,105	-3.52	96.9	-	0.00
B24	3,599	3,603	-2.30	96.9	-	0.00
B25	3,868	3,871	-2.97	96.9	-	0.00
B3	5,051	5,054	-5.50	96.9	-	0.00
B4	2,348	2,353	1.64	96.9	-	0.00
B5	4,142	4,145	-3.61	96.9	-	0.00
B7	4,203	4,205	-3.75	96.9	-	0.00
B9	4,485	4,488	-4.37	96.9	-	0.00
Sum			12.33			

- Data undefined due to calculation with octave data

Noise sensitive area: Kalnmuiž a Noise sensitive point: Danish 2019 low frequency - Regular dwellings (8)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,129	4,132	-3.58	96.9	-	0.00
B11	2,100	2,106	2.65	96.9	-	0.00
B12	1,818	1,825	3.95	96.9	-	0.00
B14	2,689	2,694	0.40	96.9	-	0.00
B15	3,425	3,428	-1.83	96.9	-	0.00
B17	5,218	5,221	-5.81	96.9	-	0.00
B18	2,783	2,787	0.09	96.9	-	0.00
B2	4,406	4,409	-4.20	96.9	-	0.00
B22	2,937	2,942	-0.41	96.9	-	0.00
B23	3,384	3,387	-1.72	96.9	-	0.00
B24	1,902	1,909	3.55	96.9	-	0.00
B25	1,312	1,322	6.85	96.9	-	0.00
B3	6,032	6,034	-7.21	96.9	-	0.00
B4	3,676	3,679	-2.49	96.9	-	0.00
B5	4,731	4,734	-4.87	96.9	-	0.00
B7	4,089	4,092	-3.49	96.9	-	0.00
B9	3,680	3,683	-2.50	96.9	-	0.00
Sum			12.78			

- Data undefined due to calculation with octave data

Project:

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Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,129	4,132	-3.58	96.9	-	0.00
B11	2,100	2,106	2.65	96.9	-	0.00
B12	1,818	1,825	3.95	96.9	-	0.00
B14	2,689	2,694	0.40	96.9	-	0.00
B15	3,425	3,428	-1.83	96.9	-	0.00
B17	5,218	5,221	-5.81	96.9	-	0.00
B18	2,783	2,787	0.09	96.9	-	0.00
B2	4,406	4,409	-4.20	96.9	-	0.00
B22	2,937	2,942	-0.41	96.9	-	0.00
B23	3,384	3,387	-1.72	96.9	-	0.00
B24	1,902	1,909	3.55	96.9	-	0.00
B25	1,312	1,322	6.85	96.9	-	0.00
B3	6,032	6,034	-7.21	96.9	-	0.00
B4	3,676	3,679	-2.49	96.9	-	0.00
B5	4,731	4,734	-4.87	96.9	-	0.00
B7	4,089	4,092	-3.49	96.9	-	0.00
B9	3,680	3,683	-2.50	96.9	-	0.00
Sum			12.78			

- Data undefined due to calculation with octave data

Noise sensitive area: Kaupres Noise sensitive point: Danish 2019 low frequency - Regular dwellings (61)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	2,448	2,453	1.26	96.9	-	0.00
B11	1,131	1,143	8.15	96.9	-	0.00
B12	1,389	1,398	6.35	96.9	-	0.00
B14	2,322	2,328	1.74	96.9	-	0.00
B15	1,861	1,868	3.74	96.9	-	0.00
B17	3,506	3,510	-2.05	96.9	-	0.00
B18	1,349	1,359	6.61	96.9	-	0.00
B2	2,711	2,715	0.33	96.9	-	0.00
B22	1,864	1,871	3.73	96.9	-	0.00
B23	2,152	2,158	2.43	96.9	-	0.00
B24	1,669	1,677	4.71	96.9	-	0.00
B25	1,216	1,227	7.52	96.9	-	0.00
B3	4,668	4,671	-4.75	96.9	-	0.00
B4	1,972	1,979	3.22	96.9	-	0.00
B5	3,332	3,336	-1.58	96.9	-	0.00
B7	2,794	2,799	0.05	96.9	-	0.00
B9	2,562	2,567	0.85	96.9	-	0.00
Sum			16.06			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	2,448	2,453	1.26	96.9	-	0.00
B11	1,131	1,143	8.15	96.9	-	0.00
B12	1,389	1,398	6.35	96.9	-	0.00
B14	2,322	2,328	1.74	96.9	-	0.00
B15	1,861	1,868	3.74	96.9	-	0.00
B17	3,506	3,510	-2.05	96.9	-	0.00
B18	1,349	1,359	6.61	96.9	-	0.00
B2	2,711	2,715	0.33	96.9	-	0.00
B22	1,864	1,871	3.73	96.9	-	0.00
B23	2,152	2,158	2.43	96.9	-	0.00
B24	1,669	1,677	4.71	96.9	-	0.00
B25	1,216	1,227	7.52	96.9	-	0.00
B3	4,668	4,671	-4.75	96.9	-	0.00
B4	1,972	1,979	3.22	96.9	-	0.00
B5	3,332	3,336	-1.58	96.9	-	0.00

To be continued on next page...



Project:

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Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

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WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B7	2,794	2,799	0.05	96.9	-	0.00
B9	2,562	2,567	0.85	96.9	-	0.00
Sum			16.06			

- Data undefined due to calculation with octave data

Noise sensitive area: Kaupres 1 Noise sensitive point: Danish 2019 low frequency - Regular dwellings (62)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	2,446	2,451	1.27	96.9	-	0.00
B11	1,116	1,127	8.28	96.9	-	0.00
B12	1,376	1,386	6.43	96.9	-	0.00
B14	2,338	2,344	1.68	96.9	-	0.00
B15	1,848	1,855	3.81	96.9	-	0.00
B17	3,500	3,504	-2.04	96.9	-	0.00
B18	1,333	1,343	6.71	96.9	-	0.00
B2	2,702	2,706	0.36	96.9	-	0.00
B22	1,876	1,883	3.67	96.9	-	0.00
B23	2,136	2,142	2.50	96.9	-	0.00
B24	1,686	1,694	4.63	96.9	-	0.00
B25	1,232	1,243	7.41	96.9	-	0.00
B3	4,653	4,656	-4.72	96.9	-	0.00
B4	1,964	1,970	3.26	96.9	-	0.00
B5	3,317	3,320	-1.53	96.9	-	0.00
B7	2,778	2,783	0.10	96.9	-	0.00
B9	2,545	2,550	0.91	96.9	-	0.00
Sum			16.09			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	2,446	2,451	1.27	96.9	-	0.00
B11	1,116	1,127	8.28	96.9	-	0.00
B12	1,376	1,386	6.43	96.9	-	0.00
B14	2,338	2,344	1.68	96.9	-	0.00
B15	1,848	1,855	3.81	96.9	-	0.00
B17	3,500	3,504	-2.04	96.9	-	0.00
B18	1,333	1,343	6.71	96.9	-	0.00
B2	2,702	2,706	0.36	96.9	-	0.00
B22	1,876	1,883	3.67	96.9	-	0.00
B23	2,136	2,142	2.50	96.9	-	0.00
B24	1,686	1,694	4.63	96.9	-	0.00
B25	1,232	1,243	7.41	96.9	-	0.00
B3	4,653	4,656	-4.72	96.9	-	0.00
B4	1,964	1,970	3.26	96.9	-	0.00
B5	3,317	3,320	-1.53	96.9	-	0.00
B7	2,778	2,783	0.10	96.9	-	0.00
B9	2,545	2,550	0.91	96.9	-	0.00
Sum			16.09			

- Data undefined due to calculation with octave data

Noise sensitive area: Kirš i Noise sensitive point: Danish 2019 low frequency - Regular dwellings (28)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,775	3,778	-2.74	96.9	-	0.00
B11	4,691	4,693	-4.79	96.9	-	0.00
B12	4,897	4,899	-5.20	96.9	-	0.00
B14	1,307	1,314	6.90	96.9	-	0.00
B15	4,832	4,834	-5.07	96.9	-	0.00

To be continued on next page...

Project:

ZFT B alternativa Mezares

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Kristiana / kristiana@environment.lv

Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

...continued from previous page

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B17	4,939	4,941	-5.28	96.9	-	0.00
B18	4,667	4,670	-4.74	96.9	-	0.00
B2	4,830	4,832	-5.07	96.9	-	0.00
B22	1,919	1,924	3.47	96.9	-	0.00
B23	5,504	5,505	-6.32	96.9	-	0.00
B24	2,107	2,112	2.63	96.9	-	0.00
B25	2,753	2,757	0.19	96.9	-	0.00
B3	7,555	7,556	-9.42	96.9	-	0.00
B4	4,295	4,298	-3.96	96.9	-	0.00
B5	6,312	6,313	-7.65	96.9	-	0.00
B7	5,996	5,997	-7.15	96.9	-	0.00
B9	5,948	5,950	-7.07	96.9	-	0.00
Sum			11.38			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,775	3,778	-2.74	96.9	-	0.00
B11	4,691	4,693	-4.79	96.9	-	0.00
B12	4,897	4,899	-5.20	96.9	-	0.00
B14	1,307	1,314	6.90	96.9	-	0.00
B15	4,832	4,834	-5.07	96.9	-	0.00
B17	4,939	4,941	-5.28	96.9	-	0.00
B18	4,667	4,670	-4.74	96.9	-	0.00
B2	4,830	4,832	-5.07	96.9	-	0.00
B22	1,919	1,924	3.47	96.9	-	0.00
B23	5,504	5,505	-6.32	96.9	-	0.00
B24	2,107	2,112	2.63	96.9	-	0.00
B25	2,753	2,757	0.19	96.9	-	0.00
B3	7,555	7,556	-9.42	96.9	-	0.00
B4	4,295	4,298	-3.96	96.9	-	0.00
B5	6,312	6,313	-7.65	96.9	-	0.00
B7	5,996	5,997	-7.15	96.9	-	0.00
B9	5,948	5,950	-7.07	96.9	-	0.00
Sum			11.38			

- Data undefined due to calculation with octave data

Noise sensitive area: Klavas Noise sensitive point: Danish 2019 low frequency - Regular dwellings (30)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,680	1,687	4.66	96.9	-	0.00
B11	1,278	1,288	7.09	96.9	-	0.00
B12	1,766	1,773	4.21	96.9	-	0.00
B14	2,714	2,719	0.32	96.9	-	0.00
B15	1,117	1,128	8.27	96.9	-	0.00
B17	2,646	2,651	0.55	96.9	-	0.00
B18	886	901	10.27	96.9	-	0.00
B2	1,832	1,839	3.88	96.9	-	0.00
B22	1,901	1,908	3.55	96.9	-	0.00
B23	1,708	1,716	4.51	96.9	-	0.00
B24	2,250	2,256	2.03	96.9	-	0.00
B25	1,969	1,976	3.23	96.9	-	0.00
B3	3,969	3,972	-3.21	96.9	-	0.00
B4	1,094	1,105	8.45	96.9	-	0.00
B5	2,645	2,650	0.55	96.9	-	0.00
B7	2,221	2,227	2.15	96.9	-	0.00
B9	2,154	2,160	2.42	96.9	-	0.00
Sum			17.28			

- Data undefined due to calculation with octave data

Project:

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Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,680	1,687	4.66	96.9	-	0.00
B11	1,278	1,288	7.09	96.9	-	0.00
B12	1,766	1,773	4.21	96.9	-	0.00
B14	2,714	2,719	0.32	96.9	-	0.00
B15	1,117	1,128	8.27	96.9	-	0.00
B17	2,646	2,651	0.55	96.9	-	0.00
B18	886	901	10.27	96.9	-	0.00
B2	1,832	1,839	3.88	96.9	-	0.00
B22	1,901	1,908	3.55	96.9	-	0.00
B23	1,708	1,716	4.51	96.9	-	0.00
B24	2,250	2,256	2.03	96.9	-	0.00
B25	1,969	1,976	3.23	96.9	-	0.00
B3	3,969	3,972	-3.21	96.9	-	0.00
B4	1,094	1,105	8.45	96.9	-	0.00
B5	2,645	2,650	0.55	96.9	-	0.00
B7	2,221	2,227	2.15	96.9	-	0.00
B9	2,154	2,160	2.42	96.9	-	0.00
Sum			17.28			

- Data undefined due to calculation with octave data

Noise sensitive area: Klavini Noise sensitive point: Danish 2019 low frequency - Regular dwellings (78)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,181	4,184	-3.70	96.9	-	0.00
B11	3,291	3,295	-1.46	96.9	-	0.00
B12	3,222	3,226	-1.27	96.9	-	0.00
B14	1,492	1,501	5.71	96.9	-	0.00
B15	4,203	4,206	-3.75	96.9	-	0.00
B17	5,422	5,424	-6.18	96.9	-	0.00
B18	3,709	3,713	-2.58	96.9	-	0.00
B2	4,843	4,845	-5.10	96.9	-	0.00
B22	2,322	2,327	1.74	96.9	-	0.00
B23	4,485	4,488	-4.37	96.9	-	0.00
B24	1,065	1,077	8.68	96.9	-	0.00
B25	1,156	1,167	7.97	96.9	-	0.00
B3	7,031	7,032	-8.71	96.9	-	0.00
B4	4,114	4,117	-3.55	96.9	-	0.00
B5	5,694	5,696	-6.65	96.9	-	0.00
B7	5,150	5,152	-5.68	96.9	-	0.00
B9	4,867	4,870	-5.14	96.9	-	0.00
Sum			13.80			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,181	4,184	-3.70	96.9	-	0.00
B11	3,291	3,295	-1.46	96.9	-	0.00
B12	3,222	3,226	-1.27	96.9	-	0.00
B14	1,492	1,501	5.71	96.9	-	0.00
B15	4,203	4,206	-3.75	96.9	-	0.00
B17	5,422	5,424	-6.18	96.9	-	0.00
B18	3,709	3,713	-2.58	96.9	-	0.00
B2	4,843	4,845	-5.10	96.9	-	0.00
B22	2,322	2,327	1.74	96.9	-	0.00
B23	4,485	4,488	-4.37	96.9	-	0.00
B24	1,065	1,077	8.68	96.9	-	0.00
B25	1,156	1,167	7.97	96.9	-	0.00
B3	7,031	7,032	-8.71	96.9	-	0.00
B4	4,114	4,117	-3.55	96.9	-	0.00
B5	5,694	5,696	-6.65	96.9	-	0.00

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Project:

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## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

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WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B7	5,150	5,152	-5.68	96.9	-	0.00
B9	4,867	4,870	-5.14	96.9	-	0.00
Sum			13.80			

- Data undefined due to calculation with octave data

Noise sensitive area: Krasta Ozoli Noise sensitive point: Danish 2019 low frequency - Regular dwellings (2)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,172	1,183	7.84	96.9	-	0.00
B11	3,468	3,472	-1.95	96.9	-	0.00
B12	3,922	3,925	-3.10	96.9	-	0.00
B14	2,413	2,419	1.39	96.9	-	0.00
B15	2,786	2,790	0.08	96.9	-	0.00
B17	2,228	2,234	2.11	96.9	-	0.00
B18	2,985	2,989	-0.56	96.9	-	0.00
B2	2,297	2,303	1.84	96.9	-	0.00
B22	1,377	1,386	6.43	96.9	-	0.00
B23	3,665	3,668	-2.46	96.9	-	0.00
B24	2,645	2,650	0.55	96.9	-	0.00
B25	2,921	2,926	-0.36	96.9	-	0.00
B3	5,110	5,113	-5.61	96.9	-	0.00
B4	2,003	2,010	3.08	96.9	-	0.00
B5	4,017	4,020	-3.32	96.9	-	0.00
B7	3,917	3,920	-3.09	96.9	-	0.00
B9	4,087	4,090	-3.49	96.9	-	0.00
Sum			13.87			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,172	1,183	7.84	96.9	-	0.00
B11	3,468	3,472	-1.95	96.9	-	0.00
B12	3,922	3,925	-3.10	96.9	-	0.00
B14	2,413	2,419	1.39	96.9	-	0.00
B15	2,786	2,790	0.08	96.9	-	0.00
B17	2,228	2,234	2.11	96.9	-	0.00
B18	2,985	2,989	-0.56	96.9	-	0.00
B2	2,297	2,303	1.84	96.9	-	0.00
B22	1,377	1,386	6.43	96.9	-	0.00
B23	3,665	3,668	-2.46	96.9	-	0.00
B24	2,645	2,650	0.55	96.9	-	0.00
B25	2,921	2,926	-0.36	96.9	-	0.00
B3	5,110	5,113	-5.61	96.9	-	0.00
B4	2,003	2,010	3.08	96.9	-	0.00
B5	4,017	4,020	-3.32	96.9	-	0.00
B7	3,917	3,920	-3.09	96.9	-	0.00
B9	4,087	4,090	-3.49	96.9	-	0.00
Sum			13.87			

- Data undefined due to calculation with octave data

Noise sensitive area: Krastini Noise sensitive point: Danish 2019 low frequency - Regular dwellings (53)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,187	1,198	7.73	96.9	-	0.00
B11	2,870	2,875	-0.20	96.9	-	0.00
B12	3,299	3,303	-1.49	96.9	-	0.00
B14	2,010	2,017	3.05	96.9	-	0.00
B15	2,394	2,399	1.46	96.9	-	0.00

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Project:

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Calculated:

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## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

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WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B17	2,426	2,432	1.34	96.9	-	0.00
B18	2,471	2,476	1.17	96.9	-	0.00
B2	2,208	2,214	2.20	96.9	-	0.00
B22	898	912	10.16	96.9	-	0.00
B23	3,217	3,221	-1.25	96.9	-	0.00
B24	2,086	2,092	2.71	96.9	-	0.00
B25	2,293	2,298	1.86	96.9	-	0.00
B3	4,961	4,964	-5.33	96.9	-	0.00
B4	1,718	1,726	4.46	96.9	-	0.00
B5	3,769	3,773	-2.73	96.9	-	0.00
B7	3,564	3,568	-2.20	96.9	-	0.00
B9	3,656	3,659	-2.44	96.9	-	0.00
Sum			15.40			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,187	1,198	7.73	96.9	-	0.00
B11	2,870	2,875	-0.20	96.9	-	0.00
B12	3,299	3,303	-1.49	96.9	-	0.00
B14	2,010	2,017	3.05	96.9	-	0.00
B15	2,394	2,399	1.46	96.9	-	0.00
B17	2,426	2,432	1.34	96.9	-	0.00
B18	2,471	2,476	1.17	96.9	-	0.00
B2	2,208	2,214	2.20	96.9	-	0.00
B22	898	912	10.16	96.9	-	0.00
B23	3,217	3,221	-1.25	96.9	-	0.00
B24	2,086	2,092	2.71	96.9	-	0.00
B25	2,293	2,298	1.86	96.9	-	0.00
B3	4,961	4,964	-5.33	96.9	-	0.00
B4	1,718	1,726	4.46	96.9	-	0.00
B5	3,769	3,773	-2.73	96.9	-	0.00
B7	3,564	3,568	-2.20	96.9	-	0.00
B9	3,656	3,659	-2.44	96.9	-	0.00
Sum			15.40			

- Data undefined due to calculation with octave data

Noise sensitive area: Kukas Noise sensitive point: Danish 2019 low frequency - Regular dwellings (107)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	5,047	5,049	-5.49	96.9	-	0.00
B11	2,399	2,404	1.45	96.9	-	0.00
B12	1,889	1,896	3.61	96.9	-	0.00
B14	4,043	4,046	-3.39	96.9	-	0.00
B15	3,901	3,904	-3.05	96.9	-	0.00
B17	5,980	5,982	-7.13	96.9	-	0.00
B18	3,218	3,222	-1.26	96.9	-	0.00
B2	5,060	5,062	-5.51	96.9	-	0.00
B22	4,199	4,202	-3.74	96.9	-	0.00
B23	3,531	3,534	-2.12	96.9	-	0.00
B24	3,250	3,254	-1.35	96.9	-	0.00
B25	2,638	2,642	0.58	96.9	-	0.00
B3	6,080	6,082	-7.29	96.9	-	0.00
B4	4,392	4,394	-4.17	96.9	-	0.00
B5	4,897	4,900	-5.20	96.9	-	0.00
B7	4,202	4,206	-3.75	96.9	-	0.00
B9	3,681	3,684	-2.50	96.9	-	0.00
Sum			10.38			

- Data undefined due to calculation with octave data

Project:

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Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	5,047	5,049	-5.49	96.9	-	0.00
B11	2,399	2,404	1.45	96.9	-	0.00
B12	1,889	1,896	3.61	96.9	-	0.00
B14	4,043	4,046	-3.39	96.9	-	0.00
B15	3,901	3,904	-3.05	96.9	-	0.00
B17	5,980	5,982	-7.13	96.9	-	0.00
B18	3,218	3,222	-1.26	96.9	-	0.00
B2	5,060	5,062	-5.51	96.9	-	0.00
B22	4,199	4,202	-3.74	96.9	-	0.00
B23	3,531	3,534	-2.12	96.9	-	0.00
B24	3,250	3,254	-1.35	96.9	-	0.00
B25	2,638	2,642	0.58	96.9	-	0.00
B3	6,080	6,082	-7.29	96.9	-	0.00
B4	4,392	4,394	-4.17	96.9	-	0.00
B5	4,897	4,900	-5.20	96.9	-	0.00
B7	4,202	4,206	-3.75	96.9	-	0.00
B9	3,681	3,684	-2.50	96.9	-	0.00
Sum			10.38			

- Data undefined due to calculation with octave data

Noise sensitive area: Kvieš i Noise sensitive point: Danish 2019 low frequency - Regular dwellings (43)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,008	3,012	-0.63	96.9	-	0.00
B11	5,520	5,522	-6.35	96.9	-	0.00
B12	6,062	6,064	-7.26	96.9	-	0.00
B14	6,008	6,011	-7.17	96.9	-	0.00
B15	4,058	4,061	-3.42	96.9	-	0.00
B17	1,890	1,897	3.60	96.9	-	0.00
B18	4,708	4,711	-4.83	96.9	-	0.00
B2	2,832	2,837	-0.07	96.9	-	0.00
B22	4,919	4,922	-5.25	96.9	-	0.00
B23	4,771	4,774	-4.95	96.9	-	0.00
B24	6,100	6,102	-7.32	96.9	-	0.00
B25	6,181	6,183	-7.45	96.9	-	0.00
B3	4,069	4,072	-3.45	96.9	-	0.00
B4	3,477	3,481	-1.97	96.9	-	0.00
B5	3,942	3,946	-3.15	96.9	-	0.00
B7	4,430	4,433	-4.25	96.9	-	0.00
B9	4,952	4,954	-5.31	96.9	-	0.00
Sum			9.43			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,008	3,012	-0.63	96.9	-	0.00
B11	5,520	5,522	-6.35	96.9	-	0.00
B12	6,062	6,064	-7.26	96.9	-	0.00
B14	6,008	6,011	-7.17	96.9	-	0.00
B15	4,058	4,061	-3.42	96.9	-	0.00
B17	1,890	1,897	3.60	96.9	-	0.00
B18	4,708	4,711	-4.83	96.9	-	0.00
B2	2,832	2,837	-0.07	96.9	-	0.00
B22	4,919	4,922	-5.25	96.9	-	0.00
B23	4,771	4,774	-4.95	96.9	-	0.00
B24	6,100	6,102	-7.32	96.9	-	0.00
B25	6,181	6,183	-7.45	96.9	-	0.00
B3	4,069	4,072	-3.45	96.9	-	0.00
B4	3,477	3,481	-1.97	96.9	-	0.00
B5	3,942	3,946	-3.15	96.9	-	0.00

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## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

...continued from previous page

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B7	4,430	4,433	-4.25	96.9	-	0.00
B9	4,952	4,954	-5.31	96.9	-	0.00
Sum			9.43			

- Data undefined due to calculation with octave data

Noise sensitive area: Laides Noise sensitive point: Danish 2019 low frequency - Regular dwellings (67)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	2,980	2,984	-0.54	96.9	-	0.00
B11	4,046	4,049	-3.39	96.9	-	0.00
B12	4,308	4,311	-3.98	96.9	-	0.00
B14	985	997	9.37	96.9	-	0.00
B15	4,065	4,068	-3.44	96.9	-	0.00
B17	4,158	4,161	-3.65	96.9	-	0.00
B18	3,945	3,948	-3.15	96.9	-	0.00
B2	4,031	4,034	-3.36	96.9	-	0.00
B22	1,163	1,174	7.92	96.9	-	0.00
B23	4,772	4,774	-4.96	96.9	-	0.00
B24	1,723	1,730	4.43	96.9	-	0.00
B25	2,331	2,336	1.71	96.9	-	0.00
B3	6,763	6,764	-8.33	96.9	-	0.00
B4	3,504	3,507	-2.04	96.9	-	0.00
B5	5,530	5,532	-6.37	96.9	-	0.00
B7	5,236	5,239	-5.84	96.9	-	0.00
B9	5,218	5,221	-5.81	96.9	-	0.00
Sum			13.89			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	2,980	2,984	-0.54	96.9	-	0.00
B11	4,046	4,049	-3.39	96.9	-	0.00
B12	4,308	4,311	-3.98	96.9	-	0.00
B14	985	997	9.37	96.9	-	0.00
B15	4,065	4,068	-3.44	96.9	-	0.00
B17	4,158	4,161	-3.65	96.9	-	0.00
B18	3,945	3,948	-3.15	96.9	-	0.00
B2	4,031	4,034	-3.36	96.9	-	0.00
B22	1,163	1,174	7.92	96.9	-	0.00
B23	4,772	4,774	-4.96	96.9	-	0.00
B24	1,723	1,730	4.43	96.9	-	0.00
B25	2,331	2,336	1.71	96.9	-	0.00
B3	6,763	6,764	-8.33	96.9	-	0.00
B4	3,504	3,507	-2.04	96.9	-	0.00
B5	5,530	5,532	-6.37	96.9	-	0.00
B7	5,236	5,239	-5.84	96.9	-	0.00
B9	5,218	5,221	-5.81	96.9	-	0.00
Sum			13.89			

- Data undefined due to calculation with octave data

Noise sensitive area: Landzani Noise sensitive point: Danish 2019 low frequency - Regular dwellings (59)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,751	3,754	-2.68	96.9	-	0.00
B11	4,628	4,630	-4.66	96.9	-	0.00
B12	4,830	4,832	-5.07	96.9	-	0.00
B14	1,235	1,243	7.40	96.9	-	0.00
B15	4,784	4,786	-4.98	96.9	-	0.00

To be continued on next page...

Project:

ZFT B alternativa Mezares

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Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

...continued from previous page

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B17	4,923	4,925	-5.25	96.9	-	0.00
B18	4,612	4,615	-4.63	96.9	-	0.00
B2	4,799	4,801	-5.01	96.9	-	0.00
B22	1,873	1,878	3.69	96.9	-	0.00
B23	5,450	5,451	-6.23	96.9	-	0.00
B24	2,034	2,039	2.95	96.9	-	0.00
B25	2,681	2,685	0.43	96.9	-	0.00
B3	7,516	7,518	-9.37	96.9	-	0.00
B4	4,257	4,259	-3.87	96.9	-	0.00
B5	6,269	6,270	-7.58	96.9	-	0.00
B7	5,946	5,948	-7.07	96.9	-	0.00
B9	5,894	5,895	-6.98	96.9	-	0.00
Sum			11.68			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,751	3,754	-2.68	96.9	-	0.00
B11	4,628	4,630	-4.66	96.9	-	0.00
B12	4,830	4,832	-5.07	96.9	-	0.00
B14	1,235	1,243	7.40	96.9	-	0.00
B15	4,784	4,786	-4.98	96.9	-	0.00
B17	4,923	4,925	-5.25	96.9	-	0.00
B18	4,612	4,615	-4.63	96.9	-	0.00
B2	4,799	4,801	-5.01	96.9	-	0.00
B22	1,873	1,878	3.69	96.9	-	0.00
B23	5,450	5,451	-6.23	96.9	-	0.00
B24	2,034	2,039	2.95	96.9	-	0.00
B25	2,681	2,685	0.43	96.9	-	0.00
B3	7,516	7,518	-9.37	96.9	-	0.00
B4	4,257	4,259	-3.87	96.9	-	0.00
B5	6,269	6,270	-7.58	96.9	-	0.00
B7	5,946	5,948	-7.07	96.9	-	0.00
B9	5,894	5,895	-6.98	96.9	-	0.00
Sum			11.68			

- Data undefined due to calculation with octave data

Noise sensitive area: Landzani 1 Noise sensitive point: Danish 2019 low frequency - Regular dwellings (27)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,830	3,832	-2.88	96.9	-	0.00
B11	4,802	4,804	-5.01	96.9	-	0.00
B12	5,012	5,014	-5.42	96.9	-	0.00
B14	1,428	1,435	6.12	96.9	-	0.00
B15	4,920	4,922	-5.25	96.9	-	0.00
B17	4,980	4,982	-5.36	96.9	-	0.00
B18	4,767	4,769	-4.94	96.9	-	0.00
B2	4,894	4,896	-5.20	96.9	-	0.00
B22	2,008	2,013	3.06	96.9	-	0.00
B23	5,601	5,603	-6.49	96.9	-	0.00
B24	2,229	2,233	2.12	96.9	-	0.00
B25	2,875	2,878	-0.21	96.9	-	0.00
B3	7,630	7,631	-9.52	96.9	-	0.00
B4	4,371	4,373	-4.12	96.9	-	0.00
B5	6,394	6,395	-7.78	96.9	-	0.00
B7	6,086	6,088	-7.30	96.9	-	0.00
B9	6,047	6,048	-7.23	96.9	-	0.00
Sum			10.90			

- Data undefined due to calculation with octave data



Project:

ZFT B alternativa Mezares

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Kristiana / kristiana@environment.lv

Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,830	3,832	-2.88	96.9	-	0.00
B11	4,802	4,804	-5.01	96.9	-	0.00
B12	5,012	5,014	-5.42	96.9	-	0.00
B14	1,428	1,435	6.12	96.9	-	0.00
B15	4,920	4,922	-5.25	96.9	-	0.00
B17	4,980	4,982	-5.36	96.9	-	0.00
B18	4,767	4,769	-4.94	96.9	-	0.00
B2	4,894	4,896	-5.20	96.9	-	0.00
B22	2,008	2,013	3.06	96.9	-	0.00
B23	5,601	5,603	-6.49	96.9	-	0.00
B24	2,229	2,233	2.12	96.9	-	0.00
B25	2,875	2,878	-0.21	96.9	-	0.00
B3	7,630	7,631	-9.52	96.9	-	0.00
B4	4,371	4,373	-4.12	96.9	-	0.00
B5	6,394	6,395	-7.78	96.9	-	0.00
B7	6,086	6,088	-7.30	96.9	-	0.00
B9	6,047	6,048	-7.23	96.9	-	0.00
Sum			10.90			

- Data undefined due to calculation with octave data

Noise sensitive area: Landzani 4 Noise sensitive point: Danish 2019 low frequency - Regular dwellings (83)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,017	4,020	-3.32	96.9	-	0.00
B11	4,983	4,985	-5.37	96.9	-	0.00
B12	5,186	5,188	-5.75	96.9	-	0.00
B14	1,587	1,593	5.18	96.9	-	0.00
B15	5,114	5,116	-5.62	96.9	-	0.00
B17	5,161	5,163	-5.70	96.9	-	0.00
B18	4,957	4,959	-5.32	96.9	-	0.00
B2	5,085	5,087	-5.56	96.9	-	0.00
B22	2,202	2,206	2.23	96.9	-	0.00
B23	5,793	5,794	-6.82	96.9	-	0.00
B24	2,383	2,387	1.51	96.9	-	0.00
B25	3,029	3,033	-0.69	96.9	-	0.00
B3	7,824	7,825	-9.77	96.9	-	0.00
B4	4,565	4,567	-4.53	96.9	-	0.00
B5	6,588	6,590	-8.07	96.9	-	0.00
B7	6,280	6,282	-7.60	96.9	-	0.00
B9	6,238	6,239	-7.54	96.9	-	0.00
Sum			10.23			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,017	4,020	-3.32	96.9	-	0.00
B11	4,983	4,985	-5.37	96.9	-	0.00
B12	5,186	5,188	-5.75	96.9	-	0.00
B14	1,587	1,593	5.18	96.9	-	0.00
B15	5,114	5,116	-5.62	96.9	-	0.00
B17	5,161	5,163	-5.70	96.9	-	0.00
B18	4,957	4,959	-5.32	96.9	-	0.00
B2	5,085	5,087	-5.56	96.9	-	0.00
B22	2,202	2,206	2.23	96.9	-	0.00
B23	5,793	5,794	-6.82	96.9	-	0.00
B24	2,383	2,387	1.51	96.9	-	0.00
B25	3,029	3,033	-0.69	96.9	-	0.00
B3	7,824	7,825	-9.77	96.9	-	0.00
B4	4,565	4,567	-4.53	96.9	-	0.00
B5	6,588	6,590	-8.07	96.9	-	0.00

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Project:

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Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

...continued from previous page

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B7	6,280	6,282	-7.60	96.9	-	0.00
B9	6,238	6,239	-7.54	96.9	-	0.00
Sum			10.23			

- Data undefined due to calculation with octave data

Noise sensitive area: Landzani 5 Noise sensitive point: Danish 2019 low frequency - Regular dwellings (65)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,816	3,819	-2.84	96.9	-	0.00
B11	4,839	4,842	-5.09	96.9	-	0.00
B12	5,058	5,060	-5.51	96.9	-	0.00
B14	1,485	1,492	5.77	96.9	-	0.00
B15	4,934	4,936	-5.27	96.9	-	0.00
B17	4,957	4,959	-5.32	96.9	-	0.00
B18	4,792	4,794	-4.99	96.9	-	0.00
B2	4,887	4,889	-5.18	96.9	-	0.00
B22	2,024	2,029	2.99	96.9	-	0.00
B23	5,624	5,626	-6.53	96.9	-	0.00
B24	2,288	2,292	1.88	96.9	-	0.00
B25	2,933	2,936	-0.39	96.9	-	0.00
B3	7,632	7,633	-9.52	96.9	-	0.00
B4	4,374	4,376	-4.13	96.9	-	0.00
B5	6,402	6,403	-7.79	96.9	-	0.00
B7	6,102	6,104	-7.32	96.9	-	0.00
B9	6,070	6,072	-7.27	96.9	-	0.00
Sum			10.72			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,816	3,819	-2.84	96.9	-	0.00
B11	4,839	4,842	-5.09	96.9	-	0.00
B12	5,058	5,060	-5.51	96.9	-	0.00
B14	1,485	1,492	5.77	96.9	-	0.00
B15	4,934	4,936	-5.27	96.9	-	0.00
B17	4,957	4,959	-5.32	96.9	-	0.00
B18	4,792	4,794	-4.99	96.9	-	0.00
B2	4,887	4,889	-5.18	96.9	-	0.00
B22	2,024	2,029	2.99	96.9	-	0.00
B23	5,624	5,626	-6.53	96.9	-	0.00
B24	2,288	2,292	1.88	96.9	-	0.00
B25	2,933	2,936	-0.39	96.9	-	0.00
B3	7,632	7,633	-9.52	96.9	-	0.00
B4	4,374	4,376	-4.13	96.9	-	0.00
B5	6,402	6,403	-7.79	96.9	-	0.00
B7	6,102	6,104	-7.32	96.9	-	0.00
B9	6,070	6,072	-7.27	96.9	-	0.00
Sum			10.72			

- Data undefined due to calculation with octave data

Noise sensitive area: LeiŠ upi Noise sensitive point: Danish 2019 low frequency - Regular dwellings (9)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	5,027	5,029	-5.45	96.9	-	0.00
B11	5,365	5,367	-6.08	96.9	-	0.00
B12	5,442	5,444	-6.21	96.9	-	0.00
B14	2,009	2,015	3.05	96.9	-	0.00
B15	5,822	5,824	-6.87	96.9	-	0.00

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Project:

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Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

...continued from previous page

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B17	6,237	6,239	-7.54	96.9	-	0.00
B18	5,529	5,531	-6.37	96.9	-	0.00
B2	6,017	6,019	-7.19	96.9	-	0.00
B22	3,013	3,017	-0.64	96.9	-	0.00
B23	6,369	6,371	-7.74	96.9	-	0.00
B24	2,600	2,605	0.71	96.9	-	0.00
B25	3,176	3,180	-1.13	96.9	-	0.00
B3	8,638	8,639	-10.76	96.9	-	0.00
B4	5,410	5,413	-6.16	96.9	-	0.00
B5	7,344	7,346	-9.14	96.9	-	0.00
B7	6,940	6,942	-8.58	96.9	-	0.00
B9	6,799	6,801	-8.38	96.9	-	0.00
Sum			8.64			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	5,027	5,029	-5.45	96.9	-	0.00
B11	5,365	5,367	-6.08	96.9	-	0.00
B12	5,442	5,444	-6.21	96.9	-	0.00
B14	2,009	2,015	3.05	96.9	-	0.00
B15	5,822	5,824	-6.87	96.9	-	0.00
B17	6,237	6,239	-7.54	96.9	-	0.00
B18	5,529	5,531	-6.37	96.9	-	0.00
B2	6,017	6,019	-7.19	96.9	-	0.00
B22	3,013	3,017	-0.64	96.9	-	0.00
B23	6,369	6,371	-7.74	96.9	-	0.00
B24	2,600	2,605	0.71	96.9	-	0.00
B25	3,176	3,180	-1.13	96.9	-	0.00
B3	8,638	8,639	-10.76	96.9	-	0.00
B4	5,410	5,413	-6.16	96.9	-	0.00
B5	7,344	7,346	-9.14	96.9	-	0.00
B7	6,940	6,942	-8.58	96.9	-	0.00
B9	6,799	6,801	-8.38	96.9	-	0.00
Sum			8.64			

- Data undefined due to calculation with octave data

Noise sensitive area: Liciš i Noise sensitive point: Danish 2019 low frequency - Regular dwellings (33)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	2,435	2,440	1.31	96.9	-	0.00
B11	4,326	4,329	-4.02	96.9	-	0.00
B12	4,697	4,700	-4.81	96.9	-	0.00
B14	2,010	2,016	3.05	96.9	-	0.00
B15	3,934	3,938	-3.13	96.9	-	0.00
B17	3,435	3,438	-1.86	96.9	-	0.00
B18	4,007	4,010	-3.30	96.9	-	0.00
B2	3,559	3,563	-2.19	96.9	-	0.00
B22	1,502	1,511	5.66	96.9	-	0.00
B23	4,765	4,768	-4.94	96.9	-	0.00
B24	2,594	2,600	0.73	96.9	-	0.00
B25	3,099	3,103	-0.91	96.9	-	0.00
B3	6,371	6,373	-7.74	96.9	-	0.00
B4	3,210	3,214	-1.23	96.9	-	0.00
B5	5,252	5,254	-5.87	96.9	-	0.00
B7	5,097	5,100	-5.59	96.9	-	0.00
B9	5,204	5,206	-5.78	96.9	-	0.00
Sum			11.47			

- Data undefined due to calculation with octave data

Project:

ZFT B alternativa Mezares

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Vilandes 3-6

LV-1010 Riga

0037167242411

Kristiana / kristiana@environment.lv

Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	2,435	2,440	1.31	96.9	-	0.00
B11	4,326	4,329	-4.02	96.9	-	0.00
B12	4,697	4,700	-4.81	96.9	-	0.00
B14	2,010	2,016	3.05	96.9	-	0.00
B15	3,934	3,938	-3.13	96.9	-	0.00
B17	3,435	3,438	-1.86	96.9	-	0.00
B18	4,007	4,010	-3.30	96.9	-	0.00
B2	3,559	3,563	-2.19	96.9	-	0.00
B22	1,502	1,511	5.66	96.9	-	0.00
B23	4,765	4,768	-4.94	96.9	-	0.00
B24	2,594	2,600	0.73	96.9	-	0.00
B25	3,099	3,103	-0.91	96.9	-	0.00
B3	6,371	6,373	-7.74	96.9	-	0.00
B4	3,210	3,214	-1.23	96.9	-	0.00
B5	5,252	5,254	-5.87	96.9	-	0.00
B7	5,097	5,100	-5.59	96.9	-	0.00
B9	5,204	5,206	-5.78	96.9	-	0.00
Sum			11.47			

- Data undefined due to calculation with octave data

Noise sensitive area: Liepsala Noise sensitive point: Danish 2019 low frequency - Regular dwellings (36)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,657	1,665	4.78	96.9	-	0.00
B11	1,277	1,287	7.09	96.9	-	0.00
B12	1,775	1,782	4.17	96.9	-	0.00
B14	2,773	2,778	0.12	96.9	-	0.00
B15	1,054	1,066	8.77	96.9	-	0.00
B17	2,602	2,607	0.70	96.9	-	0.00
B18	845	860	10.68	96.9	-	0.00
B2	1,777	1,784	4.16	96.9	-	0.00
B22	1,949	1,956	3.32	96.9	-	0.00
B23	1,659	1,667	4.77	96.9	-	0.00
B24	2,313	2,319	1.77	96.9	-	0.00
B25	2,032	2,038	2.95	96.9	-	0.00
B3	3,906	3,909	-3.06	96.9	-	0.00
B4	1,042	1,054	8.88	96.9	-	0.00
B5	2,583	2,588	0.77	96.9	-	0.00
B7	2,163	2,169	2.38	96.9	-	0.00
B9	2,106	2,112	2.63	96.9	-	0.00
Sum			17.51			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,657	1,665	4.78	96.9	-	0.00
B11	1,277	1,287	7.09	96.9	-	0.00
B12	1,775	1,782	4.17	96.9	-	0.00
B14	2,773	2,778	0.12	96.9	-	0.00
B15	1,054	1,066	8.77	96.9	-	0.00
B17	2,602	2,607	0.70	96.9	-	0.00
B18	845	860	10.68	96.9	-	0.00
B2	1,777	1,784	4.16	96.9	-	0.00
B22	1,949	1,956	3.32	96.9	-	0.00
B23	1,659	1,667	4.77	96.9	-	0.00
B24	2,313	2,319	1.77	96.9	-	0.00
B25	2,032	2,038	2.95	96.9	-	0.00
B3	3,906	3,909	-3.06	96.9	-	0.00
B4	1,042	1,054	8.88	96.9	-	0.00
B5	2,583	2,588	0.77	96.9	-	0.00

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## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

...continued from previous page

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B7	2,163	2,169	2.38	96.9	-	0.00
B9	2,106	2,112	2.63	96.9	-	0.00
Sum			17.51			

- Data undefined due to calculation with octave data

Noise sensitive area: Mazezeri Noise sensitive point: Danish 2019 low frequency - Regular dwellings (80)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	5,067	5,069	-5.53	96.9	-	0.00
B11	3,074	3,079	-0.83	96.9	-	0.00
B12	2,729	2,734	0.26	96.9	-	0.00
B14	3,121	3,126	-0.97	96.9	-	0.00
B15	4,430	4,433	-4.25	96.9	-	0.00
B17	6,192	6,194	-7.47	96.9	-	0.00
B18	3,784	3,787	-2.76	96.9	-	0.00
B2	5,402	5,405	-6.14	96.9	-	0.00
B22	3,648	3,652	-2.42	96.9	-	0.00
B23	4,353	4,356	-4.08	96.9	-	0.00
B24	2,439	2,444	1.29	96.9	-	0.00
B25	2,012	2,018	3.04	96.9	-	0.00
B3	7,000	7,002	-8.67	96.9	-	0.00
B4	4,667	4,670	-4.74	96.9	-	0.00
B5	5,714	5,716	-6.69	96.9	-	0.00
B7	5,059	5,062	-5.51	96.9	-	0.00
B9	4,622	4,625	-4.65	96.9	-	0.00
Sum			9.97			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	5,067	5,069	-5.53	96.9	-	0.00
B11	3,074	3,079	-0.83	96.9	-	0.00
B12	2,729	2,734	0.26	96.9	-	0.00
B14	3,121	3,126	-0.97	96.9	-	0.00
B15	4,430	4,433	-4.25	96.9	-	0.00
B17	6,192	6,194	-7.47	96.9	-	0.00
B18	3,784	3,787	-2.76	96.9	-	0.00
B2	5,402	5,405	-6.14	96.9	-	0.00
B22	3,648	3,652	-2.42	96.9	-	0.00
B23	4,353	4,356	-4.08	96.9	-	0.00
B24	2,439	2,444	1.29	96.9	-	0.00
B25	2,012	2,018	3.04	96.9	-	0.00
B3	7,000	7,002	-8.67	96.9	-	0.00
B4	4,667	4,670	-4.74	96.9	-	0.00
B5	5,714	5,716	-6.69	96.9	-	0.00
B7	5,059	5,062	-5.51	96.9	-	0.00
B9	4,622	4,625	-4.65	96.9	-	0.00
Sum			9.97			

- Data undefined due to calculation with octave data

Noise sensitive area: Meistari Noise sensitive point: Danish 2019 low frequency - Regular dwellings (34)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,641	4,643	-4.69	96.9	-	0.00
B11	5,339	5,341	-6.03	96.9	-	0.00
B12	5,483	5,485	-6.29	96.9	-	0.00
B14	1,890	1,896	3.61	96.9	-	0.00
B15	5,620	5,622	-6.52	96.9	-	0.00

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Project:

ZFT B alternativa Mezares

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Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

...continued from previous page

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B17	5,810	5,812	-6.85	96.9	-	0.00
B18	5,402	5,404	-6.14	96.9	-	0.00
B2	5,683	5,685	-6.63	96.9	-	0.00
B22	2,725	2,729	0.28	96.9	-	0.00
B23	6,244	6,245	-7.55	96.9	-	0.00
B24	2,616	2,620	0.66	96.9	-	0.00
B25	3,245	3,248	-1.33	96.9	-	0.00
B3	8,382	8,384	-10.46	96.9	-	0.00
B4	5,126	5,129	-5.64	96.9	-	0.00
B5	7,120	7,122	-8.83	96.9	-	0.00
B7	6,770	6,772	-8.34	96.9	-	0.00
B9	6,684	6,685	-8.21	96.9	-	0.00
Sum			9.00			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,641	4,643	-4.69	96.9	-	0.00
B11	5,339	5,341	-6.03	96.9	-	0.00
B12	5,483	5,485	-6.29	96.9	-	0.00
B14	1,890	1,896	3.61	96.9	-	0.00
B15	5,620	5,622	-6.52	96.9	-	0.00
B17	5,810	5,812	-6.85	96.9	-	0.00
B18	5,402	5,404	-6.14	96.9	-	0.00
B2	5,683	5,685	-6.63	96.9	-	0.00
B22	2,725	2,729	0.28	96.9	-	0.00
B23	6,244	6,245	-7.55	96.9	-	0.00
B24	2,616	2,620	0.66	96.9	-	0.00
B25	3,245	3,248	-1.33	96.9	-	0.00
B3	8,382	8,384	-10.46	96.9	-	0.00
B4	5,126	5,129	-5.64	96.9	-	0.00
B5	7,120	7,122	-8.83	96.9	-	0.00
B7	6,770	6,772	-8.34	96.9	-	0.00
B9	6,684	6,685	-8.21	96.9	-	0.00
Sum			9.00			

- Data undefined due to calculation with octave data

Noise sensitive area: Mež a Muiž a Noise sensitive point: Danish 2019 low frequency - Regular dwellings (66)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,257	1,267	7.23	96.9	-	0.00
B11	2,979	2,984	-0.54	96.9	-	0.00
B12	3,403	3,407	-1.77	96.9	-	0.00
B14	1,971	1,977	3.23	96.9	-	0.00
B15	2,510	2,516	1.03	96.9	-	0.00
B17	2,481	2,486	1.14	96.9	-	0.00
B18	2,588	2,593	0.75	96.9	-	0.00
B2	2,300	2,306	1.83	96.9	-	0.00
B22	868	883	10.45	96.9	-	0.00
B23	3,335	3,339	-1.59	96.9	-	0.00
B24	2,092	2,099	2.69	96.9	-	0.00
B25	2,331	2,337	1.71	96.9	-	0.00
B3	5,064	5,067	-5.52	96.9	-	0.00
B4	1,828	1,835	3.90	96.9	-	0.00
B5	3,880	3,883	-3.00	96.9	-	0.00
B7	3,680	3,683	-2.50	96.9	-	0.00
B9	3,774	3,777	-2.74	96.9	-	0.00
Sum			15.27			

- Data undefined due to calculation with octave data

Project:

ZFT B alternativa Mezares

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Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,257	1,267	7.23	96.9	-	0.00
B11	2,979	2,984	-0.54	96.9	-	0.00
B12	3,403	3,407	-1.77	96.9	-	0.00
B14	1,971	1,977	3.23	96.9	-	0.00
B15	2,510	2,516	1.03	96.9	-	0.00
B17	2,481	2,486	1.14	96.9	-	0.00
B18	2,588	2,593	0.75	96.9	-	0.00
B2	2,300	2,306	1.83	96.9	-	0.00
B22	868	883	10.45	96.9	-	0.00
B23	3,335	3,339	-1.59	96.9	-	0.00
B24	2,092	2,099	2.69	96.9	-	0.00
B25	2,331	2,337	1.71	96.9	-	0.00
B3	5,064	5,067	-5.52	96.9	-	0.00
B4	1,828	1,835	3.90	96.9	-	0.00
B5	3,880	3,883	-3.00	96.9	-	0.00
B7	3,680	3,683	-2.50	96.9	-	0.00
B9	3,774	3,777	-2.74	96.9	-	0.00
Sum			15.27			

- Data undefined due to calculation with octave data

Noise sensitive area: Mež muiža a Noise sensitive point: Danish 2019 low frequency - Regular dwellings (58)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,247	1,257	7.30	96.9	-	0.00
B11	2,901	2,905	-0.30	96.9	-	0.00
B12	3,324	3,328	-1.56	96.9	-	0.00
B14	1,957	1,964	3.29	96.9	-	0.00
B15	2,448	2,453	1.26	96.9	-	0.00
B17	2,483	2,488	1.13	96.9	-	0.00
B18	2,515	2,520	1.01	96.9	-	0.00
B2	2,270	2,276	1.94	96.9	-	0.00
B22	846	862	10.66	96.9	-	0.00
B23	3,267	3,271	-1.39	96.9	-	0.00
B24	2,049	2,056	2.87	96.9	-	0.00
B25	2,271	2,277	1.94	96.9	-	0.00
B3	5,023	5,025	-5.45	96.9	-	0.00
B4	1,779	1,786	4.15	96.9	-	0.00
B5	3,829	3,833	-2.88	96.9	-	0.00
B7	3,620	3,623	-2.35	96.9	-	0.00
B9	3,706	3,710	-2.57	96.9	-	0.00
Sum			15.44			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,247	1,257	7.30	96.9	-	0.00
B11	2,901	2,905	-0.30	96.9	-	0.00
B12	3,324	3,328	-1.56	96.9	-	0.00
B14	1,957	1,964	3.29	96.9	-	0.00
B15	2,448	2,453	1.26	96.9	-	0.00
B17	2,483	2,488	1.13	96.9	-	0.00
B18	2,515	2,520	1.01	96.9	-	0.00
B2	2,270	2,276	1.94	96.9	-	0.00
B22	846	862	10.66	96.9	-	0.00
B23	3,267	3,271	-1.39	96.9	-	0.00
B24	2,049	2,056	2.87	96.9	-	0.00
B25	2,271	2,277	1.94	96.9	-	0.00
B3	5,023	5,025	-5.45	96.9	-	0.00
B4	1,779	1,786	4.15	96.9	-	0.00
B5	3,829	3,833	-2.88	96.9	-	0.00

To be continued on next page...

Project:

ZFT B alternativa Mezares

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Kristiana / kristiana@environment.lv

Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

...continued from previous page

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B7	3,620	3,623	-2.35	96.9	-	0.00
B9	3,706	3,710	-2.57	96.9	-	0.00
Sum			15.44			

- Data undefined due to calculation with octave data

Noise sensitive area: Mež vidi Noise sensitive point: Danish 2019 low frequency - Regular dwellings (25)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	2,310	2,316	1.79	96.9	-	0.00
B11	2,026	2,032	2.98	96.9	-	0.00
B12	2,272	2,278	1.94	96.9	-	0.00
B14	1,460	1,469	5.91	96.9	-	0.00
B15	2,419	2,424	1.37	96.9	-	0.00
B17	3,526	3,530	-2.11	96.9	-	0.00
B18	2,081	2,087	2.73	96.9	-	0.00
B2	2,931	2,935	-0.39	96.9	-	0.00
B22	1,024	1,037	9.02	96.9	-	0.00
B23	2,921	2,926	-0.36	96.9	-	0.00
B24	955	969	9.63	96.9	-	0.00
B25	865	880	10.47	96.9	-	0.00
B3	5,271	5,273	-5.91	96.9	-	0.00
B4	2,209	2,215	2.19	96.9	-	0.00
B5	3,948	3,951	-3.16	96.9	-	0.00
B7	3,499	3,503	-2.03	96.9	-	0.00
B9	3,355	3,358	-1.64	96.9	-	0.00
Sum			16.69			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	2,310	2,316	1.79	96.9	-	0.00
B11	2,026	2,032	2.98	96.9	-	0.00
B12	2,272	2,278	1.94	96.9	-	0.00
B14	1,460	1,469	5.91	96.9	-	0.00
B15	2,419	2,424	1.37	96.9	-	0.00
B17	3,526	3,530	-2.11	96.9	-	0.00
B18	2,081	2,087	2.73	96.9	-	0.00
B2	2,931	2,935	-0.39	96.9	-	0.00
B22	1,024	1,037	9.02	96.9	-	0.00
B23	2,921	2,926	-0.36	96.9	-	0.00
B24	955	969	9.63	96.9	-	0.00
B25	865	880	10.47	96.9	-	0.00
B3	5,271	5,273	-5.91	96.9	-	0.00
B4	2,209	2,215	2.19	96.9	-	0.00
B5	3,948	3,951	-3.16	96.9	-	0.00
B7	3,499	3,503	-2.03	96.9	-	0.00
B9	3,355	3,358	-1.64	96.9	-	0.00
Sum			16.69			

- Data undefined due to calculation with octave data

Noise sensitive area: Muiž nieki (kad. apz. 56960040061) Noise sensitive point: Danish 2019 low frequency - Regular dwellings (20)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	2,327	2,332	1.72	96.9	-	0.00
B11	3,932	3,935	-3.12	96.9	-	0.00
B12	4,280	4,283	-3.92	96.9	-	0.00
B14	1,571	1,580	5.25	96.9	-	0.00
B15	3,663	3,666	-2.46	96.9	-	0.00

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Project:

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Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

...continued from previous page

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B17	3,438	3,442	-1.87	96.9	-	0.00
B18	3,671	3,675	-2.48	96.9	-	0.00
B2	3,428	3,432	-1.84	96.9	-	0.00
B22	1,048	1,060	8.82	96.9	-	0.00
B23	4,456	4,459	-4.31	96.9	-	0.00
B24	2,124	2,130	2.55	96.9	-	0.00
B25	2,626	2,631	0.62	96.9	-	0.00
B3	6,218	6,220	-7.51	96.9	-	0.00
B4	2,994	2,999	-0.59	96.9	-	0.00
B5	5,046	5,049	-5.49	96.9	-	0.00
B7	4,837	4,840	-5.08	96.9	-	0.00
B9	4,900	4,903	-5.21	96.9	-	0.00
Sum			13.24			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	2,327	2,332	1.72	96.9	-	0.00
B11	3,932	3,935	-3.12	96.9	-	0.00
B12	4,280	4,283	-3.92	96.9	-	0.00
B14	1,571	1,580	5.25	96.9	-	0.00
B15	3,663	3,666	-2.46	96.9	-	0.00
B17	3,438	3,442	-1.87	96.9	-	0.00
B18	3,671	3,675	-2.48	96.9	-	0.00
B2	3,428	3,432	-1.84	96.9	-	0.00
B22	1,048	1,060	8.82	96.9	-	0.00
B23	4,456	4,459	-4.31	96.9	-	0.00
B24	2,124	2,130	2.55	96.9	-	0.00
B25	2,626	2,631	0.62	96.9	-	0.00
B3	6,218	6,220	-7.51	96.9	-	0.00
B4	2,994	2,999	-0.59	96.9	-	0.00
B5	5,046	5,049	-5.49	96.9	-	0.00
B7	4,837	4,840	-5.08	96.9	-	0.00
B9	4,900	4,903	-5.21	96.9	-	0.00
Sum			13.24			

- Data undefined due to calculation with octave data

Noise sensitive area: Muiž nieki (kad. apz. 76860010011) Noise sensitive point: Danish 2019 low frequency - Regular dwellings (98)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	5,607	5,609	-6.50	96.9	-	0.00
B11	5,776	5,778	-6.79	96.9	-	0.00
B12	6,105	6,107	-7.33	96.9	-	0.00
B14	8,465	8,466	-10.56	96.9	-	0.00
B15	4,711	4,714	-4.83	96.9	-	0.00
B17	4,694	4,697	-4.80	96.9	-	0.00
B18	5,197	5,200	-5.77	96.9	-	0.00
B2	4,504	4,507	-4.41	96.9	-	0.00
B22	7,454	7,456	-9.29	96.9	-	0.00
B23	4,493	4,496	-4.38	96.9	-	0.00
B24	8,075	8,076	-10.08	96.9	-	0.00
B25	7,744	7,746	-9.67	96.9	-	0.00
B3	1,867	1,874	3.71	96.9	-	0.00
B4	5,047	5,050	-5.49	96.9	-	0.00
B5	3,203	3,207	-1.21	96.9	-	0.00
B7	3,791	3,795	-2.78	96.9	-	0.00
B9	4,208	4,211	-3.76	96.9	-	0.00
Sum			8.46			

- Data undefined due to calculation with octave data

Project:

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16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	5,607	5,609	-6.50	96.9	-	0.00
B11	5,776	5,778	-6.79	96.9	-	0.00
B12	6,105	6,107	-7.33	96.9	-	0.00
B14	8,465	8,466	-10.56	96.9	-	0.00
B15	4,711	4,714	-4.83	96.9	-	0.00
B17	4,694	4,697	-4.80	96.9	-	0.00
B18	5,197	5,200	-5.77	96.9	-	0.00
B2	4,504	4,507	-4.41	96.9	-	0.00
B22	7,454	7,456	-9.29	96.9	-	0.00
B23	4,493	4,496	-4.38	96.9	-	0.00
B24	8,075	8,076	-10.08	96.9	-	0.00
B25	7,744	7,746	-9.67	96.9	-	0.00
B3	1,867	1,874	3.71	96.9	-	0.00
B4	5,047	5,050	-5.49	96.9	-	0.00
B5	3,203	3,207	-1.21	96.9	-	0.00
B7	3,791	3,795	-2.78	96.9	-	0.00
B9	4,208	4,211	-3.76	96.9	-	0.00
Sum			8.46			

- Data undefined due to calculation with octave data

Noise sensitive area: Ogu purvs Noise sensitive point: Danish 2019 low frequency - Regular dwellings (44)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	2,651	2,656	0.53	96.9	-	0.00
B11	5,211	5,213	-5.80	96.9	-	0.00
B12	5,754	5,756	-6.75	96.9	-	0.00
B14	5,645	5,647	-6.57	96.9	-	0.00
B15	3,766	3,770	-2.72	96.9	-	0.00
B17	1,566	1,574	5.29	96.9	-	0.00
B18	4,405	4,408	-4.20	96.9	-	0.00
B2	2,533	2,538	0.95	96.9	-	0.00
B22	4,555	4,558	-4.51	96.9	-	0.00
B23	4,510	4,512	-4.42	96.9	-	0.00
B24	5,737	5,739	-6.72	96.9	-	0.00
B25	5,823	5,825	-6.87	96.9	-	0.00
B3	3,998	4,001	-3.28	96.9	-	0.00
B4	3,154	3,158	-1.07	96.9	-	0.00
B5	3,757	3,761	-2.70	96.9	-	0.00
B7	4,206	4,209	-3.76	96.9	-	0.00
B9	4,713	4,715	-4.84	96.9	-	0.00
Sum			10.43			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	2,651	2,656	0.53	96.9	-	0.00
B11	5,211	5,213	-5.80	96.9	-	0.00
B12	5,754	5,756	-6.75	96.9	-	0.00
B14	5,645	5,647	-6.57	96.9	-	0.00
B15	3,766	3,770	-2.72	96.9	-	0.00
B17	1,566	1,574	5.29	96.9	-	0.00
B18	4,405	4,408	-4.20	96.9	-	0.00
B2	2,533	2,538	0.95	96.9	-	0.00
B22	4,555	4,558	-4.51	96.9	-	0.00
B23	4,510	4,512	-4.42	96.9	-	0.00
B24	5,737	5,739	-6.72	96.9	-	0.00
B25	5,823	5,825	-6.87	96.9	-	0.00
B3	3,998	4,001	-3.28	96.9	-	0.00
B4	3,154	3,158	-1.07	96.9	-	0.00
B5	3,757	3,761	-2.70	96.9	-	0.00

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## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

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WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B7	4,206	4,209	-3.76	96.9	-	0.00
B9	4,713	4,715	-4.84	96.9	-	0.00
Sum			10.43			

- Data undefined due to calculation with octave data

Noise sensitive area: OŠ ini (kad. apz. 76860060068001) Noise sensitive point: Danish 2019 low frequency - Regular dwellings (104)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,922	4,925	-5.25	96.9	-	0.00
B11	2,029	2,036	2.96	96.9	-	0.00
B12	1,517	1,526	5.57	96.9	-	0.00
B14	4,802	4,805	-5.02	96.9	-	0.00
B15	3,397	3,401	-1.76	96.9	-	0.00
B17	5,617	5,619	-6.52	96.9	-	0.00
B18	2,776	2,781	0.11	96.9	-	0.00
B2	4,631	4,634	-4.67	96.9	-	0.00
B22	4,649	4,652	-4.71	96.9	-	0.00
B23	2,757	2,761	0.17	96.9	-	0.00
B24	4,005	4,008	-3.30	96.9	-	0.00
B25	3,358	3,362	-1.65	96.9	-	0.00
B3	5,053	5,055	-5.50	96.9	-	0.00
B4	4,085	4,088	-3.48	96.9	-	0.00
B5	4,015	4,018	-3.32	96.9	-	0.00
B7	3,326	3,330	-1.56	96.9	-	0.00
B9	2,757	2,762	0.17	96.9	-	0.00
Sum			11.43			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,922	4,925	-5.25	96.9	-	0.00
B11	2,029	2,036	2.96	96.9	-	0.00
B12	1,517	1,526	5.57	96.9	-	0.00
B14	4,802	4,805	-5.02	96.9	-	0.00
B15	3,397	3,401	-1.76	96.9	-	0.00
B17	5,617	5,619	-6.52	96.9	-	0.00
B18	2,776	2,781	0.11	96.9	-	0.00
B2	4,631	4,634	-4.67	96.9	-	0.00
B22	4,649	4,652	-4.71	96.9	-	0.00
B23	2,757	2,761	0.17	96.9	-	0.00
B24	4,005	4,008	-3.30	96.9	-	0.00
B25	3,358	3,362	-1.65	96.9	-	0.00
B3	5,053	5,055	-5.50	96.9	-	0.00
B4	4,085	4,088	-3.48	96.9	-	0.00
B5	4,015	4,018	-3.32	96.9	-	0.00
B7	3,326	3,330	-1.56	96.9	-	0.00
B9	2,757	2,762	0.17	96.9	-	0.00
Sum			11.43			

- Data undefined due to calculation with octave data

Noise sensitive area: OŠ ini (kad. apz. 76860060068006) Noise sensitive point: Danish 2019 low frequency - Regular dwellings (106)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,910	4,912	-5.23	96.9	-	0.00
B11	2,017	2,024	3.02	96.9	-	0.00
B12	1,506	1,515	5.63	96.9	-	0.00
B14	4,800	4,803	-5.01	96.9	-	0.00
B15	3,382	3,386	-1.72	96.9	-	0.00

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Project:

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Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

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WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B17	5,602	5,605	-6.50	96.9	-	0.00
B18	2,762	2,767	0.16	96.9	-	0.00
B2	4,616	4,619	-4.64	96.9	-	0.00
B22	4,643	4,646	-4.69	96.9	-	0.00
B23	2,740	2,745	0.23	96.9	-	0.00
B24	4,003	4,006	-3.29	96.9	-	0.00
B25	3,356	3,360	-1.65	96.9	-	0.00
B3	5,035	5,038	-5.47	96.9	-	0.00
B4	4,071	4,075	-3.45	96.9	-	0.00
B5	3,998	4,001	-3.28	96.9	-	0.00
B7	3,309	3,313	-1.51	96.9	-	0.00
B9	2,740	2,745	0.23	96.9	-	0.00
Sum			11.48			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,910	4,912	-5.23	96.9	-	0.00
B11	2,017	2,024	3.02	96.9	-	0.00
B12	1,506	1,515	5.63	96.9	-	0.00
B14	4,800	4,803	-5.01	96.9	-	0.00
B15	3,382	3,386	-1.72	96.9	-	0.00
B17	5,602	5,605	-6.50	96.9	-	0.00
B18	2,762	2,767	0.16	96.9	-	0.00
B2	4,616	4,619	-4.64	96.9	-	0.00
B22	4,643	4,646	-4.69	96.9	-	0.00
B23	2,740	2,745	0.23	96.9	-	0.00
B24	4,003	4,006	-3.29	96.9	-	0.00
B25	3,356	3,360	-1.65	96.9	-	0.00
B3	5,035	5,038	-5.47	96.9	-	0.00
B4	4,071	4,075	-3.45	96.9	-	0.00
B5	3,998	4,001	-3.28	96.9	-	0.00
B7	3,309	3,313	-1.51	96.9	-	0.00
B9	2,740	2,745	0.23	96.9	-	0.00
Sum			11.48			

- Data undefined due to calculation with octave data

Noise sensitive area: Ozolmuiž a Noise sensitive point: Danish 2019 low frequency - Regular dwellings (77)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,832	4,835	-5.08	96.9	-	0.00
B11	2,934	2,939	-0.40	96.9	-	0.00
B12	2,624	2,629	0.63	96.9	-	0.00
B14	2,869	2,874	-0.20	96.9	-	0.00
B15	4,251	4,254	-3.86	96.9	-	0.00
B17	5,970	5,972	-7.11	96.9	-	0.00
B18	3,617	3,620	-2.34	96.9	-	0.00
B2	5,196	5,198	-5.77	96.9	-	0.00
B22	3,390	3,394	-1.74	96.9	-	0.00
B23	4,218	4,221	-3.78	96.9	-	0.00
B24	2,181	2,187	2.31	96.9	-	0.00
B25	1,757	1,764	4.26	96.9	-	0.00
B3	6,866	6,868	-8.48	96.9	-	0.00
B4	4,458	4,460	-4.31	96.9	-	0.00
B5	5,568	5,570	-6.44	96.9	-	0.00
B7	4,924	4,926	-5.25	96.9	-	0.00
B9	4,504	4,507	-4.41	96.9	-	0.00
Sum			10.66			

- Data undefined due to calculation with octave data

Project:

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Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,832	4,835	-5.08	96.9	-	0.00
B11	2,934	2,939	-0.40	96.9	-	0.00
B12	2,624	2,629	0.63	96.9	-	0.00
B14	2,869	2,874	-0.20	96.9	-	0.00
B15	4,251	4,254	-3.86	96.9	-	0.00
B17	5,970	5,972	-7.11	96.9	-	0.00
B18	3,617	3,620	-2.34	96.9	-	0.00
B2	5,196	5,198	-5.77	96.9	-	0.00
B22	3,390	3,394	-1.74	96.9	-	0.00
B23	4,218	4,221	-3.78	96.9	-	0.00
B24	2,181	2,187	2.31	96.9	-	0.00
B25	1,757	1,764	4.26	96.9	-	0.00
B3	6,866	6,868	-8.48	96.9	-	0.00
B4	4,458	4,460	-4.31	96.9	-	0.00
B5	5,568	5,570	-6.44	96.9	-	0.00
B7	4,924	4,926	-5.25	96.9	-	0.00
B9	4,504	4,507	-4.41	96.9	-	0.00
Sum			10.66			

- Data undefined due to calculation with octave data

Noise sensitive area: Ozolsalina Noise sensitive point: Danish 2019 low frequency - Regular dwellings (47)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,291	4,294	-3.95	96.9	-	0.00
B11	3,179	3,183	-1.14	96.9	-	0.00
B12	3,065	3,069	-0.80	96.9	-	0.00
B14	1,758	1,765	4.25	96.9	-	0.00
B15	4,183	4,186	-3.71	96.9	-	0.00
B17	5,517	5,519	-6.35	96.9	-	0.00
B18	3,656	3,659	-2.44	96.9	-	0.00
B2	4,893	4,895	-5.19	96.9	-	0.00
B22	2,511	2,516	1.03	96.9	-	0.00
B23	4,406	4,409	-4.20	96.9	-	0.00
B24	1,234	1,245	7.39	96.9	-	0.00
B25	1,165	1,176	7.90	96.9	-	0.00
B3	6,986	6,988	-8.65	96.9	-	0.00
B4	4,156	4,159	-3.64	96.9	-	0.00
B5	5,651	5,653	-6.58	96.9	-	0.00
B7	5,083	5,086	-5.56	96.9	-	0.00
B9	4,772	4,775	-4.96	96.9	-	0.00
Sum			13.20			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,291	4,294	-3.95	96.9	-	0.00
B11	3,179	3,183	-1.14	96.9	-	0.00
B12	3,065	3,069	-0.80	96.9	-	0.00
B14	1,758	1,765	4.25	96.9	-	0.00
B15	4,183	4,186	-3.71	96.9	-	0.00
B17	5,517	5,519	-6.35	96.9	-	0.00
B18	3,656	3,659	-2.44	96.9	-	0.00
B2	4,893	4,895	-5.19	96.9	-	0.00
B22	2,511	2,516	1.03	96.9	-	0.00
B23	4,406	4,409	-4.20	96.9	-	0.00
B24	1,234	1,245	7.39	96.9	-	0.00
B25	1,165	1,176	7.90	96.9	-	0.00
B3	6,986	6,988	-8.65	96.9	-	0.00
B4	4,156	4,159	-3.64	96.9	-	0.00
B5	5,651	5,653	-6.58	96.9	-	0.00

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Project:

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Kristiana / kristiana@environment.lv

Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

...continued from previous page

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B7	5,083	5,086	-5.56	96.9	-	0.00
B9	4,772	4,775	-4.96	96.9	-	0.00
Sum			13.20			

- Data undefined due to calculation with octave data

Noise sensitive area: Pludmales Noise sensitive point: Danish 2019 low frequency - Regular dwellings (55)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	962	976	9.56	96.9	-	0.00
B11	2,077	2,083	2.75	96.9	-	0.00
B12	2,565	2,570	0.83	96.9	-	0.00
B14	2,555	2,560	0.87	96.9	-	0.00
B15	1,459	1,468	5.92	96.9	-	0.00
B17	2,113	2,120	2.59	96.9	-	0.00
B18	1,561	1,570	5.31	96.9	-	0.00
B2	1,541	1,550	5.43	96.9	-	0.00
B22	1,527	1,536	5.51	96.9	-	0.00
B23	2,280	2,286	1.91	96.9	-	0.00
B24	2,326	2,332	1.72	96.9	-	0.00
B25	2,266	2,272	1.96	96.9	-	0.00
B3	4,132	4,135	-3.59	96.9	-	0.00
B4	883	898	10.30	96.9	-	0.00
B5	2,886	2,890	-0.25	96.9	-	0.00
B7	2,633	2,638	0.59	96.9	-	0.00
B9	2,717	2,721	0.31	96.9	-	0.00
Sum			16.85			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	962	976	9.56	96.9	-	0.00
B11	2,077	2,083	2.75	96.9	-	0.00
B12	2,565	2,570	0.83	96.9	-	0.00
B14	2,555	2,560	0.87	96.9	-	0.00
B15	1,459	1,468	5.92	96.9	-	0.00
B17	2,113	2,120	2.59	96.9	-	0.00
B18	1,561	1,570	5.31	96.9	-	0.00
B2	1,541	1,550	5.43	96.9	-	0.00
B22	1,527	1,536	5.51	96.9	-	0.00
B23	2,280	2,286	1.91	96.9	-	0.00
B24	2,326	2,332	1.72	96.9	-	0.00
B25	2,266	2,272	1.96	96.9	-	0.00
B3	4,132	4,135	-3.59	96.9	-	0.00
B4	883	898	10.30	96.9	-	0.00
B5	2,886	2,890	-0.25	96.9	-	0.00
B7	2,633	2,638	0.59	96.9	-	0.00
B9	2,717	2,721	0.31	96.9	-	0.00
Sum			16.85			

- Data undefined due to calculation with octave data

Noise sensitive area: Pludmales 1 Noise sensitive point: Danish 2019 low frequency - Regular dwellings (54)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	953	967	9.64	96.9	-	0.00
B11	2,091	2,098	2.69	96.9	-	0.00
B12	2,579	2,584	0.78	96.9	-	0.00
B14	2,549	2,555	0.89	96.9	-	0.00
B15	1,472	1,481	5.83	96.9	-	0.00

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Project:

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Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

...continued from previous page

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B17	2,109	2,116	2.61	96.9	-	0.00
B18	1,576	1,585	5.22	96.9	-	0.00
B2	1,544	1,553	5.41	96.9	-	0.00
B22	1,518	1,527	5.56	96.9	-	0.00
B23	2,294	2,300	1.85	96.9	-	0.00
B24	2,325	2,331	1.73	96.9	-	0.00
B25	2,269	2,275	1.95	96.9	-	0.00
B3	4,141	4,144	-3.61	96.9	-	0.00
B4	891	905	10.23	96.9	-	0.00
B5	2,897	2,901	-0.28	96.9	-	0.00
B7	2,646	2,651	0.55	96.9	-	0.00
B9	2,731	2,736	0.26	96.9	-	0.00
Sum			16.83			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	953	967	9.64	96.9	-	0.00
B11	2,091	2,098	2.69	96.9	-	0.00
B12	2,579	2,584	0.78	96.9	-	0.00
B14	2,549	2,555	0.89	96.9	-	0.00
B15	1,472	1,481	5.83	96.9	-	0.00
B17	2,109	2,116	2.61	96.9	-	0.00
B18	1,576	1,585	5.22	96.9	-	0.00
B2	1,544	1,553	5.41	96.9	-	0.00
B22	1,518	1,527	5.56	96.9	-	0.00
B23	2,294	2,300	1.85	96.9	-	0.00
B24	2,325	2,331	1.73	96.9	-	0.00
B25	2,269	2,275	1.95	96.9	-	0.00
B3	4,141	4,144	-3.61	96.9	-	0.00
B4	891	905	10.23	96.9	-	0.00
B5	2,897	2,901	-0.28	96.9	-	0.00
B7	2,646	2,651	0.55	96.9	-	0.00
B9	2,731	2,736	0.26	96.9	-	0.00
Sum			16.83			

- Data undefined due to calculation with octave data

Noise sensitive area: Raceni Noise sensitive point: Danish 2019 low frequency - Regular dwellings (93)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,148	1,159	8.03	96.9	-	0.00
B11	2,933	2,937	-0.40	96.9	-	0.00
B12	3,367	3,371	-1.68	96.9	-	0.00
B14	2,067	2,074	2.79	96.9	-	0.00
B15	2,419	2,425	1.37	96.9	-	0.00
B17	2,377	2,382	1.53	96.9	-	0.00
B18	2,517	2,523	1.00	96.9	-	0.00
B2	2,190	2,196	2.27	96.9	-	0.00
B22	958	972	9.59	96.9	-	0.00
B23	3,254	3,257	-1.36	96.9	-	0.00
B24	2,161	2,167	2.39	96.9	-	0.00
B25	2,374	2,380	1.54	96.9	-	0.00
B3	4,957	4,959	-5.32	96.9	-	0.00
B4	1,725	1,732	4.42	96.9	-	0.00
B5	3,777	3,780	-2.75	96.9	-	0.00
B7	3,586	3,590	-2.26	96.9	-	0.00
B9	3,690	3,693	-2.53	96.9	-	0.00
Sum			15.23			

- Data undefined due to calculation with octave data

Project:

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Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,148	1,159	8.03	96.9	-	0.00
B11	2,933	2,937	-0.40	96.9	-	0.00
B12	3,367	3,371	-1.68	96.9	-	0.00
B14	2,067	2,074	2.79	96.9	-	0.00
B15	2,419	2,425	1.37	96.9	-	0.00
B17	2,377	2,382	1.53	96.9	-	0.00
B18	2,517	2,523	1.00	96.9	-	0.00
B2	2,190	2,196	2.27	96.9	-	0.00
B22	958	972	9.59	96.9	-	0.00
B23	3,254	3,257	-1.36	96.9	-	0.00
B24	2,161	2,167	2.39	96.9	-	0.00
B25	2,374	2,380	1.54	96.9	-	0.00
B3	4,957	4,959	-5.32	96.9	-	0.00
B4	1,725	1,732	4.42	96.9	-	0.00
B5	3,777	3,780	-2.75	96.9	-	0.00
B7	3,586	3,590	-2.26	96.9	-	0.00
B9	3,690	3,693	-2.53	96.9	-	0.00
Sum			15.23			

- Data undefined due to calculation with octave data

Noise sensitive area: Rudzati Noise sensitive point: Danish 2019 low frequency - Regular dwellings (71)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,421	4,424	-4.23	96.9	-	0.00
B11	5,095	5,097	-5.58	96.9	-	0.00
B12	5,243	5,245	-5.86	96.9	-	0.00
B14	1,645	1,652	4.85	96.9	-	0.00
B15	5,377	5,379	-6.10	96.9	-	0.00
B17	5,601	5,603	-6.49	96.9	-	0.00
B18	5,156	5,159	-5.70	96.9	-	0.00
B2	5,455	5,457	-6.24	96.9	-	0.00
B22	2,487	2,492	1.12	96.9	-	0.00
B23	5,998	6,000	-7.16	96.9	-	0.00
B24	2,378	2,383	1.53	96.9	-	0.00
B25	3,011	3,014	-0.64	96.9	-	0.00
B3	8,145	8,146	-10.17	96.9	-	0.00
B4	4,891	4,893	-5.19	96.9	-	0.00
B5	6,880	6,881	-8.50	96.9	-	0.00
B7	6,526	6,528	-7.98	96.9	-	0.00
B9	6,438	6,440	-7.85	96.9	-	0.00
Sum			9.81			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,421	4,424	-4.23	96.9	-	0.00
B11	5,095	5,097	-5.58	96.9	-	0.00
B12	5,243	5,245	-5.86	96.9	-	0.00
B14	1,645	1,652	4.85	96.9	-	0.00
B15	5,377	5,379	-6.10	96.9	-	0.00
B17	5,601	5,603	-6.49	96.9	-	0.00
B18	5,156	5,159	-5.70	96.9	-	0.00
B2	5,455	5,457	-6.24	96.9	-	0.00
B22	2,487	2,492	1.12	96.9	-	0.00
B23	5,998	6,000	-7.16	96.9	-	0.00
B24	2,378	2,383	1.53	96.9	-	0.00
B25	3,011	3,014	-0.64	96.9	-	0.00
B3	8,145	8,146	-10.17	96.9	-	0.00
B4	4,891	4,893	-5.19	96.9	-	0.00
B5	6,880	6,881	-8.50	96.9	-	0.00

To be continued on next page...



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16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

...continued from previous page

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B7	6,526	6,528	-7.98	96.9	-	0.00
B9	6,438	6,440	-7.85	96.9	-	0.00
Sum			9.81			

- Data undefined due to calculation with octave data

Noise sensitive area: Ruki Noise sensitive point: Danish 2019 low frequency - Regular dwellings (90)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,193	3,197	-1.18	96.9	-	0.00
B11	5,336	5,338	-6.02	96.9	-	0.00
B12	5,866	5,868	-6.94	96.9	-	0.00
B14	6,340	6,342	-7.70	96.9	-	0.00
B15	3,834	3,837	-2.89	96.9	-	0.00
B17	1,942	1,949	3.36	96.9	-	0.00
B18	4,513	4,516	-4.43	96.9	-	0.00
B2	2,691	2,696	0.39	96.9	-	0.00
B22	5,228	5,231	-5.83	96.9	-	0.00
B23	4,421	4,424	-4.23	96.9	-	0.00
B24	6,322	6,324	-7.67	96.9	-	0.00
B25	6,313	6,315	-7.65	96.9	-	0.00
B3	3,311	3,314	-1.52	96.9	-	0.00
B4	3,415	3,418	-1.80	96.9	-	0.00
B5	3,402	3,406	-1.77	96.9	-	0.00
B7	3,974	3,977	-3.22	96.9	-	0.00
B9	4,529	4,532	-4.46	96.9	-	0.00
Sum			9.72			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,193	3,197	-1.18	96.9	-	0.00
B11	5,336	5,338	-6.02	96.9	-	0.00
B12	5,866	5,868	-6.94	96.9	-	0.00
B14	6,340	6,342	-7.70	96.9	-	0.00
B15	3,834	3,837	-2.89	96.9	-	0.00
B17	1,942	1,949	3.36	96.9	-	0.00
B18	4,513	4,516	-4.43	96.9	-	0.00
B2	2,691	2,696	0.39	96.9	-	0.00
B22	5,228	5,231	-5.83	96.9	-	0.00
B23	4,421	4,424	-4.23	96.9	-	0.00
B24	6,322	6,324	-7.67	96.9	-	0.00
B25	6,313	6,315	-7.65	96.9	-	0.00
B3	3,311	3,314	-1.52	96.9	-	0.00
B4	3,415	3,418	-1.80	96.9	-	0.00
B5	3,402	3,406	-1.77	96.9	-	0.00
B7	3,974	3,977	-3.22	96.9	-	0.00
B9	4,529	4,532	-4.46	96.9	-	0.00
Sum			9.72			

- Data undefined due to calculation with octave data

Noise sensitive area: Saulites Noise sensitive point: Danish 2019 low frequency - Regular dwellings (68)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,901	3,904	-3.05	96.9	-	0.00
B11	4,822	4,824	-5.05	96.9	-	0.00
B12	5,024	5,026	-5.45	96.9	-	0.00
B14	1,425	1,432	6.14	96.9	-	0.00
B15	4,967	4,969	-5.34	96.9	-	0.00

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Project:

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Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

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WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B17	5,058	5,060	-5.51	96.9	-	0.00
B18	4,803	4,805	-5.02	96.9	-	0.00
B2	4,960	4,962	-5.32	96.9	-	0.00
B22	2,055	2,060	2.86	96.9	-	0.00
B23	5,639	5,641	-6.56	96.9	-	0.00
B24	2,222	2,226	2.15	96.9	-	0.00
B25	2,868	2,872	-0.19	96.9	-	0.00
B3	7,689	7,690	-9.59	96.9	-	0.00
B4	4,429	4,431	-4.25	96.9	-	0.00
B5	6,447	6,448	-7.86	96.9	-	0.00
B7	6,131	6,133	-7.37	96.9	-	0.00
B9	6,084	6,085	-7.29	96.9	-	0.00
Sum			10.85			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,901	3,904	-3.05	96.9	-	0.00
B11	4,822	4,824	-5.05	96.9	-	0.00
B12	5,024	5,026	-5.45	96.9	-	0.00
B14	1,425	1,432	6.14	96.9	-	0.00
B15	4,967	4,969	-5.34	96.9	-	0.00
B17	5,058	5,060	-5.51	96.9	-	0.00
B18	4,803	4,805	-5.02	96.9	-	0.00
B2	4,960	4,962	-5.32	96.9	-	0.00
B22	2,055	2,060	2.86	96.9	-	0.00
B23	5,639	5,641	-6.56	96.9	-	0.00
B24	2,222	2,226	2.15	96.9	-	0.00
B25	2,868	2,872	-0.19	96.9	-	0.00
B3	7,689	7,690	-9.59	96.9	-	0.00
B4	4,429	4,431	-4.25	96.9	-	0.00
B5	6,447	6,448	-7.86	96.9	-	0.00
B7	6,131	6,133	-7.37	96.9	-	0.00
B9	6,084	6,085	-7.29	96.9	-	0.00
Sum			10.85			

- Data undefined due to calculation with octave data

Noise sensitive area: Saulkrasti Noise sensitive point: Danish 2019 low frequency - Regular dwellings (49)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	2,510	2,515	1.03	96.9	-	0.00
B11	4,481	4,484	-4.36	96.9	-	0.00
B12	4,858	4,860	-5.13	96.9	-	0.00
B14	2,168	2,174	2.36	96.9	-	0.00
B15	4,054	4,057	-3.41	96.9	-	0.00
B17	3,464	3,468	-1.94	96.9	-	0.00
B18	4,146	4,149	-3.62	96.9	-	0.00
B2	3,635	3,638	-2.39	96.9	-	0.00
B22	1,673	1,681	4.70	96.9	-	0.00
B23	4,894	4,897	-5.20	96.9	-	0.00
B24	2,764	2,769	0.15	96.9	-	0.00
B25	3,272	3,276	-1.41	96.9	-	0.00
B3	6,448	6,450	-7.86	96.9	-	0.00
B4	3,314	3,318	-1.53	96.9	-	0.00
B5	5,348	5,350	-6.05	96.9	-	0.00
B7	5,211	5,214	-5.80	96.9	-	0.00
B9	5,331	5,333	-6.02	96.9	-	0.00
Sum			10.94			

- Data undefined due to calculation with octave data

Project:

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Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	2,510	2,515	1.03	96.9	-	0.00
B11	4,481	4,484	-4.36	96.9	-	0.00
B12	4,858	4,860	-5.13	96.9	-	0.00
B14	2,168	2,174	2.36	96.9	-	0.00
B15	4,054	4,057	-3.41	96.9	-	0.00
B17	3,464	3,468	-1.94	96.9	-	0.00
B18	4,146	4,149	-3.62	96.9	-	0.00
B2	3,635	3,638	-2.39	96.9	-	0.00
B22	1,673	1,681	4.70	96.9	-	0.00
B23	4,894	4,897	-5.20	96.9	-	0.00
B24	2,764	2,769	0.15	96.9	-	0.00
B25	3,272	3,276	-1.41	96.9	-	0.00
B3	6,448	6,450	-7.86	96.9	-	0.00
B4	3,314	3,318	-1.53	96.9	-	0.00
B5	5,348	5,350	-6.05	96.9	-	0.00
B7	5,211	5,214	-5.80	96.9	-	0.00
B9	5,331	5,333	-6.02	96.9	-	0.00
Sum			10.94			

- Data undefined due to calculation with octave data

Noise sensitive area: Seglini Noise sensitive point: Danish 2019 low frequency - Regular dwellings (29)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,969	3,971	-3.21	96.9	-	0.00
B11	4,871	4,873	-5.15	96.9	-	0.00
B12	5,067	5,069	-5.53	96.9	-	0.00
B14	1,462	1,469	5.91	96.9	-	0.00
B15	5,028	5,030	-5.45	96.9	-	0.00
B17	5,126	5,128	-5.64	96.9	-	0.00
B18	4,858	4,860	-5.13	96.9	-	0.00
B2	5,026	5,028	-5.45	96.9	-	0.00
B22	2,116	2,120	2.59	96.9	-	0.00
B23	5,695	5,697	-6.65	96.9	-	0.00
B24	2,255	2,259	2.01	96.9	-	0.00
B25	2,901	2,905	-0.29	96.9	-	0.00
B3	7,753	7,754	-9.68	96.9	-	0.00
B4	4,493	4,495	-4.38	96.9	-	0.00
B5	6,509	6,511	-7.95	96.9	-	0.00
B7	6,191	6,193	-7.46	96.9	-	0.00
B9	6,140	6,141	-7.38	96.9	-	0.00
Sum			10.67			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,969	3,971	-3.21	96.9	-	0.00
B11	4,871	4,873	-5.15	96.9	-	0.00
B12	5,067	5,069	-5.53	96.9	-	0.00
B14	1,462	1,469	5.91	96.9	-	0.00
B15	5,028	5,030	-5.45	96.9	-	0.00
B17	5,126	5,128	-5.64	96.9	-	0.00
B18	4,858	4,860	-5.13	96.9	-	0.00
B2	5,026	5,028	-5.45	96.9	-	0.00
B22	2,116	2,120	2.59	96.9	-	0.00
B23	5,695	5,697	-6.65	96.9	-	0.00
B24	2,255	2,259	2.01	96.9	-	0.00
B25	2,901	2,905	-0.29	96.9	-	0.00
B3	7,753	7,754	-9.68	96.9	-	0.00
B4	4,493	4,495	-4.38	96.9	-	0.00
B5	6,509	6,511	-7.95	96.9	-	0.00

To be continued on next page...

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## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

...continued from previous page

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B7	6,191	6,193	-7.46	96.9	-	0.00
B9	6,140	6,141	-7.38	96.9	-	0.00
Sum			10.67			

- Data undefined due to calculation with octave data

Noise sensitive area: Senlici Noise sensitive point: Danish 2019 low frequency - Regular dwellings (72)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,952	3,954	-3.17	96.9	-	0.00
B11	4,755	4,758	-4.92	96.9	-	0.00
B12	4,939	4,941	-5.28	96.9	-	0.00
B14	1,326	1,334	6.77	96.9	-	0.00
B15	4,956	4,958	-5.32	96.9	-	0.00
B17	5,127	5,129	-5.64	96.9	-	0.00
B18	4,766	4,768	-4.94	96.9	-	0.00
B2	4,994	4,996	-5.39	96.9	-	0.00
B22	2,049	2,054	2.88	96.9	-	0.00
B23	5,606	5,607	-6.50	96.9	-	0.00
B24	2,111	2,116	2.61	96.9	-	0.00
B25	2,757	2,760	0.18	96.9	-	0.00
B3	7,701	7,702	-9.61	96.9	-	0.00
B4	4,443	4,445	-4.28	96.9	-	0.00
B5	6,447	6,448	-7.86	96.9	-	0.00
B7	6,114	6,115	-7.34	96.9	-	0.00
B9	6,049	6,050	-7.24	96.9	-	0.00
Sum			11.17			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,952	3,954	-3.17	96.9	-	0.00
B11	4,755	4,758	-4.92	96.9	-	0.00
B12	4,939	4,941	-5.28	96.9	-	0.00
B14	1,326	1,334	6.77	96.9	-	0.00
B15	4,956	4,958	-5.32	96.9	-	0.00
B17	5,127	5,129	-5.64	96.9	-	0.00
B18	4,766	4,768	-4.94	96.9	-	0.00
B2	4,994	4,996	-5.39	96.9	-	0.00
B22	2,049	2,054	2.88	96.9	-	0.00
B23	5,606	5,607	-6.50	96.9	-	0.00
B24	2,111	2,116	2.61	96.9	-	0.00
B25	2,757	2,760	0.18	96.9	-	0.00
B3	7,701	7,702	-9.61	96.9	-	0.00
B4	4,443	4,445	-4.28	96.9	-	0.00
B5	6,447	6,448	-7.86	96.9	-	0.00
B7	6,114	6,115	-7.34	96.9	-	0.00
B9	6,049	6,050	-7.24	96.9	-	0.00
Sum			11.17			

- Data undefined due to calculation with octave data

Noise sensitive area: Sipolini Noise sensitive point: Danish 2019 low frequency - Regular dwellings (35)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,396	4,399	-4.18	96.9	-	0.00
B11	4,951	4,954	-5.31	96.9	-	0.00
B12	5,083	5,086	-5.56	96.9	-	0.00
B14	1,511	1,519	5.61	96.9	-	0.00
B15	5,285	5,287	-5.93	96.9	-	0.00

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Project:

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Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

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WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B17	5,594	5,596	-6.48	96.9	-	0.00
B18	5,041	5,043	-5.48	96.9	-	0.00
B2	5,410	5,412	-6.16	96.9	-	0.00
B22	2,419	2,424	1.37	96.9	-	0.00
B23	5,883	5,885	-6.97	96.9	-	0.00
B24	2,214	2,220	2.17	96.9	-	0.00
B25	2,838	2,843	-0.09	96.9	-	0.00
B3	8,073	8,074	-10.08	96.9	-	0.00
B4	4,826	4,829	-5.06	96.9	-	0.00
B5	6,796	6,798	-8.38	96.9	-	0.00
B7	6,425	6,426	-7.83	96.9	-	0.00
B9	6,320	6,322	-7.67	96.9	-	0.00
Sum			10.29			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,396	4,399	-4.18	96.9	-	0.00
B11	4,951	4,954	-5.31	96.9	-	0.00
B12	5,083	5,086	-5.56	96.9	-	0.00
B14	1,511	1,519	5.61	96.9	-	0.00
B15	5,285	5,287	-5.93	96.9	-	0.00
B17	5,594	5,596	-6.48	96.9	-	0.00
B18	5,041	5,043	-5.48	96.9	-	0.00
B2	5,410	5,412	-6.16	96.9	-	0.00
B22	2,419	2,424	1.37	96.9	-	0.00
B23	5,883	5,885	-6.97	96.9	-	0.00
B24	2,214	2,220	2.17	96.9	-	0.00
B25	2,838	2,843	-0.09	96.9	-	0.00
B3	8,073	8,074	-10.08	96.9	-	0.00
B4	4,826	4,829	-5.06	96.9	-	0.00
B5	6,796	6,798	-8.38	96.9	-	0.00
B7	6,425	6,426	-7.83	96.9	-	0.00
B9	6,320	6,322	-7.67	96.9	-	0.00
Sum			10.29			

- Data undefined due to calculation with octave data

Noise sensitive area: Skola (kad. apz. 56960040345001) Noise sensitive point: Danish 2019 low frequency - Regular dwellings (81)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	2,025	2,031	2.98	96.9	-	0.00
B11	3,741	3,744	-2.66	96.9	-	0.00
B12	4,114	4,117	-3.55	96.9	-	0.00
B14	1,698	1,706	4.56	96.9	-	0.00
B15	3,395	3,399	-1.75	96.9	-	0.00
B17	3,141	3,145	-1.03	96.9	-	0.00
B18	3,435	3,439	-1.86	96.9	-	0.00
B2	3,128	3,132	-0.99	96.9	-	0.00
B22	959	973	9.59	96.9	-	0.00
B23	4,206	4,209	-3.76	96.9	-	0.00
B24	2,153	2,159	2.43	96.9	-	0.00
B25	2,599	2,605	0.71	96.9	-	0.00
B3	5,922	5,924	-7.03	96.9	-	0.00
B4	2,708	2,712	0.34	96.9	-	0.00
B5	4,759	4,762	-4.93	96.9	-	0.00
B7	4,566	4,569	-4.54	96.9	-	0.00
B9	4,647	4,650	-4.70	96.9	-	0.00
Sum			13.70			

- Data undefined due to calculation with octave data

Project:

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Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	2,025	2,031	2.98	96.9	-	0.00
B11	3,741	3,744	-2.66	96.9	-	0.00
B12	4,114	4,117	-3.55	96.9	-	0.00
B14	1,698	1,706	4.56	96.9	-	0.00
B15	3,395	3,399	-1.75	96.9	-	0.00
B17	3,141	3,145	-1.03	96.9	-	0.00
B18	3,435	3,439	-1.86	96.9	-	0.00
B2	3,128	3,132	-0.99	96.9	-	0.00
B22	959	973	9.59	96.9	-	0.00
B23	4,206	4,209	-3.76	96.9	-	0.00
B24	2,153	2,159	2.43	96.9	-	0.00
B25	2,599	2,605	0.71	96.9	-	0.00
B3	5,922	5,924	-7.03	96.9	-	0.00
B4	2,708	2,712	0.34	96.9	-	0.00
B5	4,759	4,762	-4.93	96.9	-	0.00
B7	4,566	4,569	-4.54	96.9	-	0.00
B9	4,647	4,650	-4.70	96.9	-	0.00
Sum			13.70			

- Data undefined due to calculation with octave data

Noise sensitive area: Skola (kad. apz. 56960040345002) Noise sensitive point: Danish 2019 low frequency - Regular dwellings (74)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	2,007	2,013	3.06	96.9	-	0.00
B11	3,701	3,705	-2.56	96.9	-	0.00
B12	4,073	4,076	-3.46	96.9	-	0.00
B14	1,674	1,682	4.69	96.9	-	0.00
B15	3,363	3,366	-1.66	96.9	-	0.00
B17	3,132	3,136	-1.00	96.9	-	0.00
B18	3,399	3,402	-1.76	96.9	-	0.00
B2	3,107	3,111	-0.93	96.9	-	0.00
B22	919	933	9.95	96.9	-	0.00
B23	4,171	4,174	-3.68	96.9	-	0.00
B24	2,119	2,125	2.57	96.9	-	0.00
B25	2,561	2,566	0.85	96.9	-	0.00
B3	5,898	5,901	-6.99	96.9	-	0.00
B4	2,680	2,685	0.43	96.9	-	0.00
B5	4,732	4,735	-4.88	96.9	-	0.00
B7	4,534	4,537	-4.47	96.9	-	0.00
B9	4,613	4,615	-4.63	96.9	-	0.00
Sum			13.91			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	2,007	2,013	3.06	96.9	-	0.00
B11	3,701	3,705	-2.56	96.9	-	0.00
B12	4,073	4,076	-3.46	96.9	-	0.00
B14	1,674	1,682	4.69	96.9	-	0.00
B15	3,363	3,366	-1.66	96.9	-	0.00
B17	3,132	3,136	-1.00	96.9	-	0.00
B18	3,399	3,402	-1.76	96.9	-	0.00
B2	3,107	3,111	-0.93	96.9	-	0.00
B22	919	933	9.95	96.9	-	0.00
B23	4,171	4,174	-3.68	96.9	-	0.00
B24	2,119	2,125	2.57	96.9	-	0.00
B25	2,561	2,566	0.85	96.9	-	0.00
B3	5,898	5,901	-6.99	96.9	-	0.00
B4	2,680	2,685	0.43	96.9	-	0.00
B5	4,732	4,735	-4.88	96.9	-	0.00

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Project:

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Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

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WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B7	4,534	4,537	-4.47	96.9	-	0.00
B9	4,613	4,615	-4.63	96.9	-	0.00
Sum			13.91			

- Data undefined due to calculation with octave data

Noise sensitive area: Skola (kad. apz. 56960040345005) Noise sensitive point: Danish 2019 low frequency - Regular dwellings (73)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,981	1,988	3.18	96.9	-	0.00
B11	3,690	3,694	-2.53	96.9	-	0.00
B12	4,065	4,068	-3.44	96.9	-	0.00
B14	1,693	1,700	4.59	96.9	-	0.00
B15	3,343	3,347	-1.61	96.9	-	0.00
B17	3,105	3,109	-0.92	96.9	-	0.00
B18	3,383	3,386	-1.72	96.9	-	0.00
B2	3,082	3,086	-0.85	96.9	-	0.00
B22	922	936	9.93	96.9	-	0.00
B23	4,153	4,156	-3.64	96.9	-	0.00
B24	2,130	2,136	2.52	96.9	-	0.00
B25	2,567	2,572	0.83	96.9	-	0.00
B3	5,874	5,876	-6.95	96.9	-	0.00
B4	2,657	2,662	0.51	96.9	-	0.00
B5	4,709	4,712	-4.83	96.9	-	0.00
B7	4,514	4,517	-4.43	96.9	-	0.00
B9	4,595	4,597	-4.60	96.9	-	0.00
Sum			13.91			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,981	1,988	3.18	96.9	-	0.00
B11	3,690	3,694	-2.53	96.9	-	0.00
B12	4,065	4,068	-3.44	96.9	-	0.00
B14	1,693	1,700	4.59	96.9	-	0.00
B15	3,343	3,347	-1.61	96.9	-	0.00
B17	3,105	3,109	-0.92	96.9	-	0.00
B18	3,383	3,386	-1.72	96.9	-	0.00
B2	3,082	3,086	-0.85	96.9	-	0.00
B22	922	936	9.93	96.9	-	0.00
B23	4,153	4,156	-3.64	96.9	-	0.00
B24	2,130	2,136	2.52	96.9	-	0.00
B25	2,567	2,572	0.83	96.9	-	0.00
B3	5,874	5,876	-6.95	96.9	-	0.00
B4	2,657	2,662	0.51	96.9	-	0.00
B5	4,709	4,712	-4.83	96.9	-	0.00
B7	4,514	4,517	-4.43	96.9	-	0.00
B9	4,595	4,597	-4.60	96.9	-	0.00
Sum			13.91			

- Data undefined due to calculation with octave data

Noise sensitive area: Spridiš i Noise sensitive point: Danish 2019 low frequency - Regular dwellings (31)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	2,241	2,247	2.06	96.9	-	0.00
B11	3,859	3,863	-2.95	96.9	-	0.00
B12	4,213	4,216	-3.77	96.9	-	0.00
B14	1,581	1,589	5.20	96.9	-	0.00
B15	3,577	3,580	-2.24	96.9	-	0.00

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Project:

ZFT B alternativa Mezares

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Kristiana / kristiana@environment.lv

Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

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WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B17	3,359	3,363	-1.65	96.9	-	0.00
B18	3,590	3,593	-2.27	96.9	-	0.00
B2	3,341	3,345	-1.60	96.9	-	0.00
B22	993	1,006	9.29	96.9	-	0.00
B23	4,373	4,376	-4.13	96.9	-	0.00
B24	2,104	2,111	2.63	96.9	-	0.00
B25	2,592	2,597	0.74	96.9	-	0.00
B3	6,131	6,133	-7.37	96.9	-	0.00
B4	2,907	2,911	-0.31	96.9	-	0.00
B5	4,959	4,961	-5.32	96.9	-	0.00
B7	4,750	4,753	-4.91	96.9	-	0.00
B9	4,816	4,819	-5.04	96.9	-	0.00
Sum			13.49			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	2,241	2,247	2.06	96.9	-	0.00
B11	3,859	3,863	-2.95	96.9	-	0.00
B12	4,213	4,216	-3.77	96.9	-	0.00
B14	1,581	1,589	5.20	96.9	-	0.00
B15	3,577	3,580	-2.24	96.9	-	0.00
B17	3,359	3,363	-1.65	96.9	-	0.00
B18	3,590	3,593	-2.27	96.9	-	0.00
B2	3,341	3,345	-1.60	96.9	-	0.00
B22	993	1,006	9.29	96.9	-	0.00
B23	4,373	4,376	-4.13	96.9	-	0.00
B24	2,104	2,111	2.63	96.9	-	0.00
B25	2,592	2,597	0.74	96.9	-	0.00
B3	6,131	6,133	-7.37	96.9	-	0.00
B4	2,907	2,911	-0.31	96.9	-	0.00
B5	4,959	4,961	-5.32	96.9	-	0.00
B7	4,750	4,753	-4.91	96.9	-	0.00
B9	4,816	4,819	-5.04	96.9	-	0.00
Sum			13.49			

- Data undefined due to calculation with octave data

Noise sensitive area: Starumeni Noise sensitive point: Danish 2019 low frequency - Regular dwellings (57)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	2,825	2,829	-0.05	96.9	-	0.00
B11	4,603	4,606	-4.61	96.9	-	0.00
B12	4,949	4,951	-5.30	96.9	-	0.00
B14	1,991	1,998	3.13	96.9	-	0.00
B15	4,289	4,292	-3.94	96.9	-	0.00
B17	3,824	3,827	-2.86	96.9	-	0.00
B18	4,329	4,332	-4.03	96.9	-	0.00
B2	3,948	3,951	-3.16	96.9	-	0.00
B22	1,705	1,712	4.53	96.9	-	0.00
B23	5,103	5,106	-5.60	96.9	-	0.00
B24	2,661	2,666	0.50	96.9	-	0.00
B25	3,215	3,219	-1.25	96.9	-	0.00
B3	6,758	6,760	-8.32	96.9	-	0.00
B4	3,582	3,585	-2.25	96.9	-	0.00
B5	5,629	5,631	-6.54	96.9	-	0.00
B7	5,457	5,459	-6.24	96.9	-	0.00
B9	5,545	5,547	-6.40	96.9	-	0.00
Sum			10.76			

- Data undefined due to calculation with octave data



Project:

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## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	2,825	2,829	-0.05	96.9	-	0.00
B11	4,603	4,606	-4.61	96.9	-	0.00
B12	4,949	4,951	-5.30	96.9	-	0.00
B14	1,991	1,998	3.13	96.9	-	0.00
B15	4,289	4,292	-3.94	96.9	-	0.00
B17	3,824	3,827	-2.86	96.9	-	0.00
B18	4,329	4,332	-4.03	96.9	-	0.00
B2	3,948	3,951	-3.16	96.9	-	0.00
B22	1,705	1,712	4.53	96.9	-	0.00
B23	5,103	5,106	-5.60	96.9	-	0.00
B24	2,661	2,666	0.50	96.9	-	0.00
B25	3,215	3,219	-1.25	96.9	-	0.00
B3	6,758	6,760	-8.32	96.9	-	0.00
B4	3,582	3,585	-2.25	96.9	-	0.00
B5	5,629	5,631	-6.54	96.9	-	0.00
B7	5,457	5,459	-6.24	96.9	-	0.00
B9	5,545	5,547	-6.40	96.9	-	0.00
Sum			10.76			

- Data undefined due to calculation with octave data

Noise sensitive area: Straumenini Noise sensitive point: Danish 2019 low frequency - Regular dwellings (4)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,993	2,000	3.12	96.9	-	0.00
B11	3,950	3,954	-3.17	96.9	-	0.00
B12	4,345	4,348	-4.06	96.9	-	0.00
B14	2,002	2,009	3.08	96.9	-	0.00
B15	3,496	3,500	-2.02	96.9	-	0.00
B17	3,029	3,033	-0.69	96.9	-	0.00
B18	3,592	3,596	-2.28	96.9	-	0.00
B2	3,115	3,120	-0.95	96.9	-	0.00
B22	1,258	1,268	7.22	96.9	-	0.00
B23	4,336	4,339	-4.05	96.9	-	0.00
B24	2,468	2,473	1.19	96.9	-	0.00
B25	2,906	2,910	-0.31	96.9	-	0.00
B3	5,926	5,928	-7.04	96.9	-	0.00
B4	2,764	2,768	0.15	96.9	-	0.00
B5	4,804	4,807	-5.02	96.9	-	0.00
B7	4,655	4,658	-4.72	96.9	-	0.00
B9	4,773	4,775	-4.96	96.9	-	0.00
Sum			12.54			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,993	2,000	3.12	96.9	-	0.00
B11	3,950	3,954	-3.17	96.9	-	0.00
B12	4,345	4,348	-4.06	96.9	-	0.00
B14	2,002	2,009	3.08	96.9	-	0.00
B15	3,496	3,500	-2.02	96.9	-	0.00
B17	3,029	3,033	-0.69	96.9	-	0.00
B18	3,592	3,596	-2.28	96.9	-	0.00
B2	3,115	3,120	-0.95	96.9	-	0.00
B22	1,258	1,268	7.22	96.9	-	0.00
B23	4,336	4,339	-4.05	96.9	-	0.00
B24	2,468	2,473	1.19	96.9	-	0.00
B25	2,906	2,910	-0.31	96.9	-	0.00
B3	5,926	5,928	-7.04	96.9	-	0.00
B4	2,764	2,768	0.15	96.9	-	0.00
B5	4,804	4,807	-5.02	96.9	-	0.00

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## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

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WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B7	4,655	4,658	-4.72	96.9	-	0.00
B9	4,773	4,775	-4.96	96.9	-	0.00
Sum			12.54			

- Data undefined due to calculation with octave data

Noise sensitive area: Strauti Noise sensitive point: Danish 2019 low frequency - Regular dwellings (17)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,956	1,963	3.29	96.9	-	0.00
B11	3,729	3,732	-2.63	96.9	-	0.00
B12	4,109	4,113	-3.54	96.9	-	0.00
B14	1,767	1,774	4.21	96.9	-	0.00
B15	3,352	3,356	-1.63	96.9	-	0.00
B17	3,064	3,068	-0.80	96.9	-	0.00
B18	3,406	3,410	-1.78	96.9	-	0.00
B2	3,063	3,067	-0.80	96.9	-	0.00
B22	989	1,002	9.32	96.9	-	0.00
B23	4,170	4,174	-3.68	96.9	-	0.00
B24	2,203	2,209	2.22	96.9	-	0.00
B25	2,636	2,641	0.58	96.9	-	0.00
B3	5,861	5,863	-6.93	96.9	-	0.00
B4	2,654	2,659	0.52	96.9	-	0.00
B5	4,705	4,708	-4.82	96.9	-	0.00
B7	4,521	4,524	-4.44	96.9	-	0.00
B9	4,611	4,614	-4.63	96.9	-	0.00
Sum			13.60			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,956	1,963	3.29	96.9	-	0.00
B11	3,729	3,732	-2.63	96.9	-	0.00
B12	4,109	4,113	-3.54	96.9	-	0.00
B14	1,767	1,774	4.21	96.9	-	0.00
B15	3,352	3,356	-1.63	96.9	-	0.00
B17	3,064	3,068	-0.80	96.9	-	0.00
B18	3,406	3,410	-1.78	96.9	-	0.00
B2	3,063	3,067	-0.80	96.9	-	0.00
B22	989	1,002	9.32	96.9	-	0.00
B23	4,170	4,174	-3.68	96.9	-	0.00
B24	2,203	2,209	2.22	96.9	-	0.00
B25	2,636	2,641	0.58	96.9	-	0.00
B3	5,861	5,863	-6.93	96.9	-	0.00
B4	2,654	2,659	0.52	96.9	-	0.00
B5	4,705	4,708	-4.82	96.9	-	0.00
B7	4,521	4,524	-4.44	96.9	-	0.00
B9	4,611	4,614	-4.63	96.9	-	0.00
Sum			13.60			

- Data undefined due to calculation with octave data

Noise sensitive area: Strautini Noise sensitive point: Danish 2019 low frequency - Regular dwellings (11)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	2,207	2,213	2.20	96.9	-	0.00
B11	4,181	4,184	-3.70	96.9	-	0.00
B12	4,569	4,572	-4.54	96.9	-	0.00
B14	2,070	2,076	2.78	96.9	-	0.00
B15	3,735	3,738	-2.64	96.9	-	0.00

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Project:

ZFT B alternativa Mezares

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Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

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WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B17	3,202	3,206	-1.21	96.9	-	0.00
B18	3,831	3,835	-2.88	96.9	-	0.00
B2	3,332	3,336	-1.58	96.9	-	0.00
B22	1,433	1,442	6.07	96.9	-	0.00
B23	4,576	4,579	-4.56	96.9	-	0.00
B24	2,596	2,601	0.72	96.9	-	0.00
B25	3,066	3,070	-0.81	96.9	-	0.00
B3	6,144	6,146	-7.39	96.9	-	0.00
B4	2,997	3,001	-0.60	96.9	-	0.00
B5	5,034	5,036	-5.47	96.9	-	0.00
B7	4,892	4,895	-5.19	96.9	-	0.00
B9	5,012	5,015	-5.43	96.9	-	0.00
Sum			11.81			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	2,207	2,213	2.20	96.9	-	0.00
B11	4,181	4,184	-3.70	96.9	-	0.00
B12	4,569	4,572	-4.54	96.9	-	0.00
B14	2,070	2,076	2.78	96.9	-	0.00
B15	3,735	3,738	-2.64	96.9	-	0.00
B17	3,202	3,206	-1.21	96.9	-	0.00
B18	3,831	3,835	-2.88	96.9	-	0.00
B2	3,332	3,336	-1.58	96.9	-	0.00
B22	1,433	1,442	6.07	96.9	-	0.00
B23	4,576	4,579	-4.56	96.9	-	0.00
B24	2,596	2,601	0.72	96.9	-	0.00
B25	3,066	3,070	-0.81	96.9	-	0.00
B3	6,144	6,146	-7.39	96.9	-	0.00
B4	2,997	3,001	-0.60	96.9	-	0.00
B5	5,034	5,036	-5.47	96.9	-	0.00
B7	4,892	4,895	-5.19	96.9	-	0.00
B9	5,012	5,015	-5.43	96.9	-	0.00
Sum			11.81			

- Data undefined due to calculation with octave data

Noise sensitive area: Suš i Noise sensitive point: Danish 2019 low frequency - Regular dwellings (3)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	2,075	2,081	2.76	96.9	-	0.00
B11	4,633	4,636	-4.67	96.9	-	0.00
B12	5,176	5,179	-5.73	96.9	-	0.00
B14	5,125	5,127	-5.64	96.9	-	0.00
B15	3,204	3,208	-1.21	96.9	-	0.00
B17	985	999	9.36	96.9	-	0.00
B18	3,832	3,835	-2.88	96.9	-	0.00
B2	1,968	1,975	3.24	96.9	-	0.00
B22	4,024	4,027	-3.34	96.9	-	0.00
B23	3,975	3,978	-3.23	96.9	-	0.00
B24	5,182	5,184	-5.74	96.9	-	0.00
B25	5,249	5,251	-5.87	96.9	-	0.00
B3	3,726	3,730	-2.62	96.9	-	0.00
B4	2,569	2,574	0.82	96.9	-	0.00
B5	3,322	3,326	-1.55	96.9	-	0.00
B7	3,717	3,721	-2.60	96.9	-	0.00
B9	4,203	4,206	-3.75	96.9	-	0.00
Sum			12.94			

- Data undefined due to calculation with octave data

Project:

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Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	2,075	2,081	2.76	96.9	-	0.00
B11	4,633	4,636	-4.67	96.9	-	0.00
B12	5,176	5,179	-5.73	96.9	-	0.00
B14	5,125	5,127	-5.64	96.9	-	0.00
B15	3,204	3,208	-1.21	96.9	-	0.00
B17	985	999	9.36	96.9	-	0.00
B18	3,832	3,835	-2.88	96.9	-	0.00
B2	1,968	1,975	3.24	96.9	-	0.00
B22	4,024	4,027	-3.34	96.9	-	0.00
B23	3,975	3,978	-3.23	96.9	-	0.00
B24	5,182	5,184	-5.74	96.9	-	0.00
B25	5,249	5,251	-5.87	96.9	-	0.00
B3	3,726	3,730	-2.62	96.9	-	0.00
B4	2,569	2,574	0.82	96.9	-	0.00
B5	3,322	3,326	-1.55	96.9	-	0.00
B7	3,717	3,721	-2.60	96.9	-	0.00
B9	4,203	4,206	-3.75	96.9	-	0.00
Sum			12.94			

- Data undefined due to calculation with octave data

Noise sensitive area: Tireli Noise sensitive point: Danish 2019 low frequency - Regular dwellings (42)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	5,151	5,153	-5.69	96.9	-	0.00
B11	5,210	5,213	-5.80	96.9	-	0.00
B12	5,240	5,242	-5.85	96.9	-	0.00
B14	2,014	2,021	3.03	96.9	-	0.00
B15	5,792	5,794	-6.82	96.9	-	0.00
B17	6,386	6,388	-7.77	96.9	-	0.00
B18	5,447	5,449	-6.22	96.9	-	0.00
B2	6,090	6,092	-7.30	96.9	-	0.00
B22	3,095	3,099	-0.89	96.9	-	0.00
B23	6,278	6,280	-7.60	96.9	-	0.00
B24	2,472	2,477	1.17	96.9	-	0.00
B25	2,990	2,994	-0.57	96.9	-	0.00
B3	8,634	8,635	-10.75	96.9	-	0.00
B4	5,448	5,451	-6.23	96.9	-	0.00
B5	7,322	7,323	-9.11	96.9	-	0.00
B7	6,878	6,880	-8.49	96.9	-	0.00
B9	6,698	6,699	-8.23	96.9	-	0.00
Sum			8.76			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	5,151	5,153	-5.69	96.9	-	0.00
B11	5,210	5,213	-5.80	96.9	-	0.00
B12	5,240	5,242	-5.85	96.9	-	0.00
B14	2,014	2,021	3.03	96.9	-	0.00
B15	5,792	5,794	-6.82	96.9	-	0.00
B17	6,386	6,388	-7.77	96.9	-	0.00
B18	5,447	5,449	-6.22	96.9	-	0.00
B2	6,090	6,092	-7.30	96.9	-	0.00
B22	3,095	3,099	-0.89	96.9	-	0.00
B23	6,278	6,280	-7.60	96.9	-	0.00
B24	2,472	2,477	1.17	96.9	-	0.00
B25	2,990	2,994	-0.57	96.9	-	0.00
B3	8,634	8,635	-10.75	96.9	-	0.00
B4	5,448	5,451	-6.23	96.9	-	0.00
B5	7,322	7,323	-9.11	96.9	-	0.00

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Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

...continued from previous page

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B7	6,878	6,880	-8.49	96.9	-	0.00
B9	6,698	6,699	-8.23	96.9	-	0.00
Sum			8.76			

- Data undefined due to calculation with octave data

Noise sensitive area: Tudalinas Noise sensitive point: Danish 2019 low frequency - Regular dwellings (13)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,772	1,780	4.18	96.9	-	0.00
B11	3,796	3,799	-2.79	96.9	-	0.00
B12	4,204	4,208	-3.76	96.9	-	0.00
B14	2,071	2,077	2.78	96.9	-	0.00
B15	3,292	3,296	-1.47	96.9	-	0.00
B17	2,819	2,823	-0.03	96.9	-	0.00
B18	3,409	3,413	-1.79	96.9	-	0.00
B2	2,895	2,899	-0.28	96.9	-	0.00
B22	1,219	1,230	7.50	96.9	-	0.00
B23	4,142	4,145	-3.61	96.9	-	0.00
B24	2,471	2,476	1.17	96.9	-	0.00
B25	2,868	2,873	-0.19	96.9	-	0.00
B3	5,706	5,708	-6.67	96.9	-	0.00
B4	2,550	2,555	0.89	96.9	-	0.00
B5	4,588	4,591	-4.58	96.9	-	0.00
B7	4,448	4,450	-4.29	96.9	-	0.00
B9	4,575	4,578	-4.56	96.9	-	0.00
Sum			12.92			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,772	1,780	4.18	96.9	-	0.00
B11	3,796	3,799	-2.79	96.9	-	0.00
B12	4,204	4,208	-3.76	96.9	-	0.00
B14	2,071	2,077	2.78	96.9	-	0.00
B15	3,292	3,296	-1.47	96.9	-	0.00
B17	2,819	2,823	-0.03	96.9	-	0.00
B18	3,409	3,413	-1.79	96.9	-	0.00
B2	2,895	2,899	-0.28	96.9	-	0.00
B22	1,219	1,230	7.50	96.9	-	0.00
B23	4,142	4,145	-3.61	96.9	-	0.00
B24	2,471	2,476	1.17	96.9	-	0.00
B25	2,868	2,873	-0.19	96.9	-	0.00
B3	5,706	5,708	-6.67	96.9	-	0.00
B4	2,550	2,555	0.89	96.9	-	0.00
B5	4,588	4,591	-4.58	96.9	-	0.00
B7	4,448	4,450	-4.29	96.9	-	0.00
B9	4,575	4,578	-4.56	96.9	-	0.00
Sum			12.92			

- Data undefined due to calculation with octave data

Noise sensitive area: Turaiki Noise sensitive point: Danish 2019 low frequency - Regular dwellings (84)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	2,952	2,956	-0.46	96.9	-	0.00
B11	4,302	4,305	-3.97	96.9	-	0.00
B12	4,595	4,597	-4.60	96.9	-	0.00
B14	1,382	1,391	6.40	96.9	-	0.00
B15	4,195	4,198	-3.73	96.9	-	0.00

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16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

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WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B17	4,073	4,076	-3.45	96.9	-	0.00
B18	4,135	4,138	-3.60	96.9	-	0.00
B2	4,042	4,045	-3.38	96.9	-	0.00
B22	1,368	1,377	6.49	96.9	-	0.00
B23	4,947	4,949	-5.30	96.9	-	0.00
B24	2,103	2,109	2.64	96.9	-	0.00
B25	2,695	2,700	0.38	96.9	-	0.00
B3	6,817	6,819	-8.41	96.9	-	0.00
B4	3,573	3,576	-2.23	96.9	-	0.00
B5	5,620	5,622	-6.52	96.9	-	0.00
B7	5,371	5,374	-6.09	96.9	-	0.00
B9	5,393	5,395	-6.13	96.9	-	0.00
Sum			12.28			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	2,952	2,956	-0.46	96.9	-	0.00
B11	4,302	4,305	-3.97	96.9	-	0.00
B12	4,595	4,597	-4.60	96.9	-	0.00
B14	1,382	1,391	6.40	96.9	-	0.00
B15	4,195	4,198	-3.73	96.9	-	0.00
B17	4,073	4,076	-3.45	96.9	-	0.00
B18	4,135	4,138	-3.60	96.9	-	0.00
B2	4,042	4,045	-3.38	96.9	-	0.00
B22	1,368	1,377	6.49	96.9	-	0.00
B23	4,947	4,949	-5.30	96.9	-	0.00
B24	2,103	2,109	2.64	96.9	-	0.00
B25	2,695	2,700	0.38	96.9	-	0.00
B3	6,817	6,819	-8.41	96.9	-	0.00
B4	3,573	3,576	-2.23	96.9	-	0.00
B5	5,620	5,622	-6.52	96.9	-	0.00
B7	5,371	5,374	-6.09	96.9	-	0.00
B9	5,393	5,395	-6.13	96.9	-	0.00
Sum			12.28			

- Data undefined due to calculation with octave data

Noise sensitive area: Udensrozes Noise sensitive point: Danish 2019 low frequency - Regular dwellings (94)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,540	4,542	-4.48	96.9	-	0.00
B11	3,061	3,066	-0.79	96.9	-	0.00
B12	2,860	2,865	-0.17	96.9	-	0.00
B14	2,253	2,259	2.01	96.9	-	0.00
B15	4,218	4,221	-3.78	96.9	-	0.00
B17	5,733	5,735	-6.72	96.9	-	0.00
B18	3,636	3,640	-2.39	96.9	-	0.00
B2	5,038	5,041	-5.47	96.9	-	0.00
B22	2,901	2,906	-0.30	96.9	-	0.00
B23	4,329	4,332	-4.03	96.9	-	0.00
B24	1,638	1,646	4.89	96.9	-	0.00
B25	1,368	1,377	6.49	96.9	-	0.00
B3	6,955	6,957	-8.60	96.9	-	0.00
B4	4,295	4,298	-3.96	96.9	-	0.00
B5	5,630	5,632	-6.54	96.9	-	0.00
B7	5,025	5,027	-5.45	96.9	-	0.00
B9	4,664	4,666	-4.74	96.9	-	0.00
Sum			11.90			

- Data undefined due to calculation with octave data

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Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,540	4,542	-4.48	96.9	-	0.00
B11	3,061	3,066	-0.79	96.9	-	0.00
B12	2,860	2,865	-0.17	96.9	-	0.00
B14	2,253	2,259	2.01	96.9	-	0.00
B15	4,218	4,221	-3.78	96.9	-	0.00
B17	5,733	5,735	-6.72	96.9	-	0.00
B18	3,636	3,640	-2.39	96.9	-	0.00
B2	5,038	5,041	-5.47	96.9	-	0.00
B22	2,901	2,906	-0.30	96.9	-	0.00
B23	4,329	4,332	-4.03	96.9	-	0.00
B24	1,638	1,646	4.89	96.9	-	0.00
B25	1,368	1,377	6.49	96.9	-	0.00
B3	6,955	6,957	-8.60	96.9	-	0.00
B4	4,295	4,298	-3.96	96.9	-	0.00
B5	5,630	5,632	-6.54	96.9	-	0.00
B7	5,025	5,027	-5.45	96.9	-	0.00
B9	4,664	4,666	-4.74	96.9	-	0.00
Sum			11.90			

- Data undefined due to calculation with octave data

Noise sensitive area: Udri Noise sensitive point: Danish 2019 low frequency - Regular dwellings (95)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,978	3,981	-3.23	96.9	-	0.00
B11	3,712	3,715	-2.58	96.9	-	0.00
B12	3,751	3,754	-2.68	96.9	-	0.00
B14	880	893	10.34	96.9	-	0.00
B15	4,363	4,365	-4.10	96.9	-	0.00
B17	5,236	5,238	-5.84	96.9	-	0.00
B18	3,974	3,977	-3.22	96.9	-	0.00
B2	4,798	4,800	-5.01	96.9	-	0.00
B22	1,946	1,952	3.34	96.9	-	0.00
B23	4,797	4,800	-5.01	96.9	-	0.00
B24	999	1,011	9.24	96.9	-	0.00
B25	1,493	1,501	5.71	96.9	-	0.00
B3	7,215	7,217	-8.97	96.9	-	0.00
B4	4,109	4,112	-3.54	96.9	-	0.00
B5	5,890	5,892	-6.98	96.9	-	0.00
B7	5,415	5,417	-6.17	96.9	-	0.00
B9	5,211	5,213	-5.80	96.9	-	0.00
Sum			14.73			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,978	3,981	-3.23	96.9	-	0.00
B11	3,712	3,715	-2.58	96.9	-	0.00
B12	3,751	3,754	-2.68	96.9	-	0.00
B14	880	893	10.34	96.9	-	0.00
B15	4,363	4,365	-4.10	96.9	-	0.00
B17	5,236	5,238	-5.84	96.9	-	0.00
B18	3,974	3,977	-3.22	96.9	-	0.00
B2	4,798	4,800	-5.01	96.9	-	0.00
B22	1,946	1,952	3.34	96.9	-	0.00
B23	4,797	4,800	-5.01	96.9	-	0.00
B24	999	1,011	9.24	96.9	-	0.00
B25	1,493	1,501	5.71	96.9	-	0.00
B3	7,215	7,217	-8.97	96.9	-	0.00
B4	4,109	4,112	-3.54	96.9	-	0.00
B5	5,890	5,892	-6.98	96.9	-	0.00

To be continued on next page...

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## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

...continued from previous page

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B7	5,415	5,417	-6.17	96.9	-	0.00
B9	5,211	5,213	-5.80	96.9	-	0.00
Sum			14.73			

- Data undefined due to calculation with octave data

Noise sensitive area: Upiš i Noise sensitive point: Danish 2019 low frequency - Regular dwellings (103)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,975	4,978	-5.35	96.9	-	0.00
B11	2,083	2,090	2.72	96.9	-	0.00
B12	1,582	1,590	5.20	96.9	-	0.00
B14	4,906	4,908	-5.22	96.9	-	0.00
B15	3,425	3,429	-1.83	96.9	-	0.00
B17	5,649	5,651	-6.58	96.9	-	0.00
B18	2,814	2,819	-0.02	96.9	-	0.00
B2	4,660	4,663	-4.73	96.9	-	0.00
B22	4,739	4,742	-4.89	96.9	-	0.00
B23	2,761	2,766	0.16	96.9	-	0.00
B24	4,109	4,112	-3.54	96.9	-	0.00
B25	3,463	3,467	-1.94	96.9	-	0.00
B3	5,016	5,019	-5.43	96.9	-	0.00
B4	4,127	4,130	-3.58	96.9	-	0.00
B5	4,000	4,003	-3.28	96.9	-	0.00
B7	3,314	3,318	-1.53	96.9	-	0.00
B9	2,743	2,748	0.22	96.9	-	0.00
Sum			11.26			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,975	4,978	-5.35	96.9	-	0.00
B11	2,083	2,090	2.72	96.9	-	0.00
B12	1,582	1,590	5.20	96.9	-	0.00
B14	4,906	4,908	-5.22	96.9	-	0.00
B15	3,425	3,429	-1.83	96.9	-	0.00
B17	5,649	5,651	-6.58	96.9	-	0.00
B18	2,814	2,819	-0.02	96.9	-	0.00
B2	4,660	4,663	-4.73	96.9	-	0.00
B22	4,739	4,742	-4.89	96.9	-	0.00
B23	2,761	2,766	0.16	96.9	-	0.00
B24	4,109	4,112	-3.54	96.9	-	0.00
B25	3,463	3,467	-1.94	96.9	-	0.00
B3	5,016	5,019	-5.43	96.9	-	0.00
B4	4,127	4,130	-3.58	96.9	-	0.00
B5	4,000	4,003	-3.28	96.9	-	0.00
B7	3,314	3,318	-1.53	96.9	-	0.00
B9	2,743	2,748	0.22	96.9	-	0.00
Sum			11.26			

- Data undefined due to calculation with octave data

Noise sensitive area: Uplejas (kad. apz. 56960040385) Noise sensitive point: Danish 2019 low frequency - Regular dwellings (22)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,966	1,973	3.25	96.9	-	0.00
B11	3,738	3,741	-2.65	96.9	-	0.00
B12	4,118	4,121	-3.56	96.9	-	0.00
B14	1,766	1,773	4.21	96.9	-	0.00
B15	3,362	3,366	-1.66	96.9	-	0.00

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## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

...continued from previous page

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B17	3,072	3,077	-0.83	96.9	-	0.00
B18	3,417	3,421	-1.81	96.9	-	0.00
B2	3,073	3,077	-0.83	96.9	-	0.00
B22	994	1,008	9.28	96.9	-	0.00
B23	4,181	4,184	-3.70	96.9	-	0.00
B24	2,206	2,212	2.21	96.9	-	0.00
B25	2,640	2,646	0.57	96.9	-	0.00
B3	5,871	5,873	-6.95	96.9	-	0.00
B4	2,665	2,670	0.48	96.9	-	0.00
B5	4,715	4,718	-4.84	96.9	-	0.00
B7	4,531	4,534	-4.46	96.9	-	0.00
B9	4,621	4,624	-4.65	96.9	-	0.00
Sum			13.57			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,966	1,973	3.25	96.9	-	0.00
B11	3,738	3,741	-2.65	96.9	-	0.00
B12	4,118	4,121	-3.56	96.9	-	0.00
B14	1,766	1,773	4.21	96.9	-	0.00
B15	3,362	3,366	-1.66	96.9	-	0.00
B17	3,072	3,077	-0.83	96.9	-	0.00
B18	3,417	3,421	-1.81	96.9	-	0.00
B2	3,073	3,077	-0.83	96.9	-	0.00
B22	994	1,008	9.28	96.9	-	0.00
B23	4,181	4,184	-3.70	96.9	-	0.00
B24	2,206	2,212	2.21	96.9	-	0.00
B25	2,640	2,646	0.57	96.9	-	0.00
B3	5,871	5,873	-6.95	96.9	-	0.00
B4	2,665	2,670	0.48	96.9	-	0.00
B5	4,715	4,718	-4.84	96.9	-	0.00
B7	4,531	4,534	-4.46	96.9	-	0.00
B9	4,621	4,624	-4.65	96.9	-	0.00
Sum			13.57			

- Data undefined due to calculation with octave data

Noise sensitive area: Upmales Noise sensitive point: Danish 2019 low frequency - Regular dwellings (75)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,262	1,273	7.19	96.9	-	0.00
B11	2,409	2,415	1.40	96.9	-	0.00
B12	2,832	2,837	-0.08	96.9	-	0.00
B14	1,976	1,983	3.20	96.9	-	0.00
B15	2,061	2,067	2.82	96.9	-	0.00
B17	2,516	2,521	1.01	96.9	-	0.00
B18	2,055	2,061	2.85	96.9	-	0.00
B2	2,106	2,112	2.63	96.9	-	0.00
B22	909	924	10.04	96.9	-	0.00
B23	2,834	2,839	-0.08	96.9	-	0.00
B24	1,870	1,877	3.70	96.9	-	0.00
B25	1,961	1,968	3.27	96.9	-	0.00
B3	4,755	4,758	-4.92	96.9	-	0.00
B4	1,499	1,508	5.67	96.9	-	0.00
B5	3,510	3,514	-2.06	96.9	-	0.00
B7	3,237	3,241	-1.31	96.9	-	0.00
B9	3,278	3,282	-1.43	96.9	-	0.00
Sum			15.83			

- Data undefined due to calculation with octave data

Project:

ZFT B alternativa Mezares

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0037167242411

Kristiana / kristiana@environment.lv

Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,262	1,273	7.19	96.9	-	0.00
B11	2,409	2,415	1.40	96.9	-	0.00
B12	2,832	2,837	-0.08	96.9	-	0.00
B14	1,976	1,983	3.20	96.9	-	0.00
B15	2,061	2,067	2.82	96.9	-	0.00
B17	2,516	2,521	1.01	96.9	-	0.00
B18	2,055	2,061	2.85	96.9	-	0.00
B2	2,106	2,112	2.63	96.9	-	0.00
B22	909	924	10.04	96.9	-	0.00
B23	2,834	2,839	-0.08	96.9	-	0.00
B24	1,870	1,877	3.70	96.9	-	0.00
B25	1,961	1,968	3.27	96.9	-	0.00
B3	4,755	4,758	-4.92	96.9	-	0.00
B4	1,499	1,508	5.67	96.9	-	0.00
B5	3,510	3,514	-2.06	96.9	-	0.00
B7	3,237	3,241	-1.31	96.9	-	0.00
B9	3,278	3,282	-1.43	96.9	-	0.00
Sum			15.83			

- Data undefined due to calculation with octave data

Noise sensitive area: Upmali Noise sensitive point: Danish 2019 low frequency - Regular dwellings (76)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,202	1,213	7.62	96.9	-	0.00
B11	2,285	2,291	1.88	96.9	-	0.00
B12	2,722	2,727	0.29	96.9	-	0.00
B14	2,094	2,101	2.68	96.9	-	0.00
B15	1,907	1,914	3.52	96.9	-	0.00
B17	2,443	2,448	1.28	96.9	-	0.00
B18	1,908	1,915	3.52	96.9	-	0.00
B2	1,986	1,992	3.16	96.9	-	0.00
B22	1,048	1,061	8.81	96.9	-	0.00
B23	2,682	2,687	0.43	96.9	-	0.00
B24	1,939	1,946	3.37	96.9	-	0.00
B25	1,982	1,988	3.18	96.9	-	0.00
B3	4,611	4,614	-4.63	96.9	-	0.00
B4	1,359	1,369	6.54	96.9	-	0.00
B5	3,361	3,365	-1.66	96.9	-	0.00
B7	3,083	3,088	-0.86	96.9	-	0.00
B9	3,126	3,130	-0.98	96.9	-	0.00
Sum			15.83			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,202	1,213	7.62	96.9	-	0.00
B11	2,285	2,291	1.88	96.9	-	0.00
B12	2,722	2,727	0.29	96.9	-	0.00
B14	2,094	2,101	2.68	96.9	-	0.00
B15	1,907	1,914	3.52	96.9	-	0.00
B17	2,443	2,448	1.28	96.9	-	0.00
B18	1,908	1,915	3.52	96.9	-	0.00
B2	1,986	1,992	3.16	96.9	-	0.00
B22	1,048	1,061	8.81	96.9	-	0.00
B23	2,682	2,687	0.43	96.9	-	0.00
B24	1,939	1,946	3.37	96.9	-	0.00
B25	1,982	1,988	3.18	96.9	-	0.00
B3	4,611	4,614	-4.63	96.9	-	0.00
B4	1,359	1,369	6.54	96.9	-	0.00
B5	3,361	3,365	-1.66	96.9	-	0.00

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Project:

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Calculated:

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## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

...continued from previous page

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B7	3,083	3,088	-0.86	96.9	-	0.00
B9	3,126	3,130	-0.98	96.9	-	0.00
Sum			15.83			

- Data undefined due to calculation with octave data

Noise sensitive area: Upmalnieki Noise sensitive point: Danish 2019 low frequency - Regular dwellings (102)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	5,128	5,131	-5.64	96.9	-	0.00
B11	5,060	5,063	-5.52	96.9	-	0.00
B12	5,371	5,374	-6.09	96.9	-	0.00
B14	7,864	7,866	-9.82	96.9	-	0.00
B15	4,072	4,075	-3.45	96.9	-	0.00
B17	4,334	4,337	-4.04	96.9	-	0.00
B18	4,517	4,520	-4.43	96.9	-	0.00
B2	4,006	4,009	-3.30	96.9	-	0.00
B22	6,886	6,887	-8.50	96.9	-	0.00
B23	3,783	3,786	-2.76	96.9	-	0.00
B24	7,436	7,438	-9.26	96.9	-	0.00
B25	7,077	7,079	-8.78	96.9	-	0.00
B3	1,229	1,239	7.43	96.9	-	0.00
B4	4,484	4,487	-4.36	96.9	-	0.00
B5	2,545	2,550	0.91	96.9	-	0.00
B7	3,089	3,093	-0.88	96.9	-	0.00
B9	3,478	3,481	-1.98	96.9	-	0.00
Sum			10.82			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	5,128	5,131	-5.64	96.9	-	0.00
B11	5,060	5,063	-5.52	96.9	-	0.00
B12	5,371	5,374	-6.09	96.9	-	0.00
B14	7,864	7,866	-9.82	96.9	-	0.00
B15	4,072	4,075	-3.45	96.9	-	0.00
B17	4,334	4,337	-4.04	96.9	-	0.00
B18	4,517	4,520	-4.43	96.9	-	0.00
B2	4,006	4,009	-3.30	96.9	-	0.00
B22	6,886	6,887	-8.50	96.9	-	0.00
B23	3,783	3,786	-2.76	96.9	-	0.00
B24	7,436	7,438	-9.26	96.9	-	0.00
B25	7,077	7,079	-8.78	96.9	-	0.00
B3	1,229	1,239	7.43	96.9	-	0.00
B4	4,484	4,487	-4.36	96.9	-	0.00
B5	2,545	2,550	0.91	96.9	-	0.00
B7	3,089	3,093	-0.88	96.9	-	0.00
B9	3,478	3,481	-1.98	96.9	-	0.00
Sum			10.82			

- Data undefined due to calculation with octave data

Noise sensitive area: Vaivarini Noise sensitive point: Danish 2019 low frequency - Regular dwellings (88)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,972	4,975	-5.35	96.9	-	0.00
B11	5,141	5,143	-5.67	96.9	-	0.00
B12	5,194	5,196	-5.77	96.9	-	0.00
B14	1,868	1,875	3.71	96.9	-	0.00
B15	5,669	5,671	-6.61	96.9	-	0.00

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Project:

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Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

...continued from previous page

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B17	6,201	6,203	-7.48	96.9	-	0.00
B18	5,345	5,347	-6.04	96.9	-	0.00
B2	5,929	5,931	-7.04	96.9	-	0.00
B22	2,926	2,931	-0.38	96.9	-	0.00
B23	6,180	6,182	-7.45	96.9	-	0.00
B24	2,384	2,390	1.50	96.9	-	0.00
B25	2,932	2,937	-0.40	96.9	-	0.00
B3	8,502	8,504	-10.60	96.9	-	0.00
B4	5,299	5,301	-5.96	96.9	-	0.00
B5	7,197	7,198	-8.94	96.9	-	0.00
B7	6,769	6,771	-8.34	96.9	-	0.00
B9	6,605	6,607	-8.10	96.9	-	0.00
Sum			9.15			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,972	4,975	-5.35	96.9	-	0.00
B11	5,141	5,143	-5.67	96.9	-	0.00
B12	5,194	5,196	-5.77	96.9	-	0.00
B14	1,868	1,875	3.71	96.9	-	0.00
B15	5,669	5,671	-6.61	96.9	-	0.00
B17	6,201	6,203	-7.48	96.9	-	0.00
B18	5,345	5,347	-6.04	96.9	-	0.00
B2	5,929	5,931	-7.04	96.9	-	0.00
B22	2,926	2,931	-0.38	96.9	-	0.00
B23	6,180	6,182	-7.45	96.9	-	0.00
B24	2,384	2,390	1.50	96.9	-	0.00
B25	2,932	2,937	-0.40	96.9	-	0.00
B3	8,502	8,504	-10.60	96.9	-	0.00
B4	5,299	5,301	-5.96	96.9	-	0.00
B5	7,197	7,198	-8.94	96.9	-	0.00
B7	6,769	6,771	-8.34	96.9	-	0.00
B9	6,605	6,607	-8.10	96.9	-	0.00
Sum			9.15			

- Data undefined due to calculation with octave data

Noise sensitive area: Valodzes Noise sensitive point: Danish 2019 low frequency - Regular dwellings (26)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,811	3,813	-2.83	96.9	-	0.00
B11	4,591	4,593	-4.59	96.9	-	0.00
B12	4,777	4,780	-4.97	96.9	-	0.00
B14	1,167	1,176	7.90	96.9	-	0.00
B15	4,793	4,795	-5.00	96.9	-	0.00
B17	4,995	4,998	-5.39	96.9	-	0.00
B18	4,601	4,603	-4.61	96.9	-	0.00
B2	4,845	4,847	-5.10	96.9	-	0.00
B22	1,890	1,895	3.61	96.9	-	0.00
B23	5,440	5,442	-6.21	96.9	-	0.00
B24	1,957	1,962	3.29	96.9	-	0.00
B25	2,603	2,607	0.70	96.9	-	0.00
B3	7,544	7,546	-9.41	96.9	-	0.00
B4	4,287	4,290	-3.94	96.9	-	0.00
B5	6,287	6,288	-7.61	96.9	-	0.00
B7	5,950	5,952	-7.08	96.9	-	0.00
B9	5,883	5,885	-6.97	96.9	-	0.00
Sum			11.92			

- Data undefined due to calculation with octave data

Project:

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Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,811	3,813	-2.83	96.9	-	0.00
B11	4,591	4,593	-4.59	96.9	-	0.00
B12	4,777	4,780	-4.97	96.9	-	0.00
B14	1,167	1,176	7.90	96.9	-	0.00
B15	4,793	4,795	-5.00	96.9	-	0.00
B17	4,995	4,998	-5.39	96.9	-	0.00
B18	4,601	4,603	-4.61	96.9	-	0.00
B2	4,845	4,847	-5.10	96.9	-	0.00
B22	1,890	1,895	3.61	96.9	-	0.00
B23	5,440	5,442	-6.21	96.9	-	0.00
B24	1,957	1,962	3.29	96.9	-	0.00
B25	2,603	2,607	0.70	96.9	-	0.00
B3	7,544	7,546	-9.41	96.9	-	0.00
B4	4,287	4,290	-3.94	96.9	-	0.00
B5	6,287	6,288	-7.61	96.9	-	0.00
B7	5,950	5,952	-7.08	96.9	-	0.00
B9	5,883	5,885	-6.97	96.9	-	0.00
Sum			11.92			

- Data undefined due to calculation with octave data

Noise sensitive area: Vecveveri Noise sensitive point: Danish 2019 low frequency - Regular dwellings (15)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,005	4,008	-3.30	96.9	-	0.00
B11	4,491	4,493	-4.38	96.9	-	0.00
B12	4,630	4,632	-4.67	96.9	-	0.00
B14	1,048	1,060	8.83	96.9	-	0.00
B15	4,833	4,835	-5.08	96.9	-	0.00
B17	5,222	5,225	-5.82	96.9	-	0.00
B18	4,580	4,582	-4.56	96.9	-	0.00
B2	4,994	4,996	-5.39	96.9	-	0.00
B22	1,991	1,997	3.14	96.9	-	0.00
B23	5,422	5,424	-6.18	96.9	-	0.00
B24	1,764	1,770	4.23	96.9	-	0.00
B25	2,396	2,401	1.46	96.9	-	0.00
B3	7,631	7,633	-9.52	96.9	-	0.00
B4	4,394	4,396	-4.17	96.9	-	0.00
B5	6,348	6,350	-7.71	96.9	-	0.00
B7	5,968	5,970	-7.11	96.9	-	0.00
B9	5,859	5,861	-6.93	96.9	-	0.00
Sum			12.41			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,005	4,008	-3.30	96.9	-	0.00
B11	4,491	4,493	-4.38	96.9	-	0.00
B12	4,630	4,632	-4.67	96.9	-	0.00
B14	1,048	1,060	8.83	96.9	-	0.00
B15	4,833	4,835	-5.08	96.9	-	0.00
B17	5,222	5,225	-5.82	96.9	-	0.00
B18	4,580	4,582	-4.56	96.9	-	0.00
B2	4,994	4,996	-5.39	96.9	-	0.00
B22	1,991	1,997	3.14	96.9	-	0.00
B23	5,422	5,424	-6.18	96.9	-	0.00
B24	1,764	1,770	4.23	96.9	-	0.00
B25	2,396	2,401	1.46	96.9	-	0.00
B3	7,631	7,633	-9.52	96.9	-	0.00
B4	4,394	4,396	-4.17	96.9	-	0.00
B5	6,348	6,350	-7.71	96.9	-	0.00

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## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

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WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B7	5,968	5,970	-7.11	96.9	-	0.00
B9	5,859	5,861	-6.93	96.9	-	0.00
Sum			12.41			

- Data undefined due to calculation with octave data

Noise sensitive area: Vejji Noise sensitive point: Danish 2019 low frequency - Regular dwellings (63)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,001	4,004	-3.29	96.9	-	0.00
B11	4,896	4,898	-5.20	96.9	-	0.00
B12	5,090	5,091	-5.57	96.9	-	0.00
B14	1,482	1,489	5.79	96.9	-	0.00
B15	5,058	5,060	-5.51	96.9	-	0.00
B17	5,159	5,161	-5.70	96.9	-	0.00
B18	4,887	4,889	-5.18	96.9	-	0.00
B2	5,059	5,060	-5.51	96.9	-	0.00
B22	2,146	2,151	2.46	96.9	-	0.00
B23	5,724	5,726	-6.70	96.9	-	0.00
B24	2,273	2,278	1.94	96.9	-	0.00
B25	2,920	2,923	-0.35	96.9	-	0.00
B3	7,784	7,786	-9.72	96.9	-	0.00
B4	4,525	4,527	-4.45	96.9	-	0.00
B5	6,540	6,542	-8.00	96.9	-	0.00
B7	6,221	6,222	-7.51	96.9	-	0.00
B9	6,168	6,170	-7.43	96.9	-	0.00
Sum			10.58			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,001	4,004	-3.29	96.9	-	0.00
B11	4,896	4,898	-5.20	96.9	-	0.00
B12	5,090	5,091	-5.57	96.9	-	0.00
B14	1,482	1,489	5.79	96.9	-	0.00
B15	5,058	5,060	-5.51	96.9	-	0.00
B17	5,159	5,161	-5.70	96.9	-	0.00
B18	4,887	4,889	-5.18	96.9	-	0.00
B2	5,059	5,060	-5.51	96.9	-	0.00
B22	2,146	2,151	2.46	96.9	-	0.00
B23	5,724	5,726	-6.70	96.9	-	0.00
B24	2,273	2,278	1.94	96.9	-	0.00
B25	2,920	2,923	-0.35	96.9	-	0.00
B3	7,784	7,786	-9.72	96.9	-	0.00
B4	4,525	4,527	-4.45	96.9	-	0.00
B5	6,540	6,542	-8.00	96.9	-	0.00
B7	6,221	6,222	-7.51	96.9	-	0.00
B9	6,168	6,170	-7.43	96.9	-	0.00
Sum			10.58			

- Data undefined due to calculation with octave data

Noise sensitive area: Vejini Noise sensitive point: Danish 2019 low frequency - Regular dwellings (37)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,032	4,034	-3.36	96.9	-	0.00
B11	4,918	4,920	-5.24	96.9	-	0.00
B12	5,110	5,112	-5.61	96.9	-	0.00
B14	1,501	1,507	5.68	96.9	-	0.00
B15	5,086	5,088	-5.56	96.9	-	0.00

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Project:

ZFT B alternativa Mezares

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Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

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WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B17	5,190	5,192	-5.76	96.9	-	0.00
B18	4,912	4,914	-5.23	96.9	-	0.00
B2	5,088	5,090	-5.57	96.9	-	0.00
B22	2,174	2,179	2.34	96.9	-	0.00
B23	5,750	5,752	-6.75	96.9	-	0.00
B24	2,290	2,294	1.87	96.9	-	0.00
B25	2,936	2,940	-0.40	96.9	-	0.00
B3	7,814	7,815	-9.76	96.9	-	0.00
B4	4,554	4,556	-4.51	96.9	-	0.00
B5	6,569	6,570	-8.04	96.9	-	0.00
B7	6,248	6,250	-7.55	96.9	-	0.00
B9	6,194	6,196	-7.47	96.9	-	0.00
Sum			10.49			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,032	4,034	-3.36	96.9	-	0.00
B11	4,918	4,920	-5.24	96.9	-	0.00
B12	5,110	5,112	-5.61	96.9	-	0.00
B14	1,501	1,507	5.68	96.9	-	0.00
B15	5,086	5,088	-5.56	96.9	-	0.00
B17	5,190	5,192	-5.76	96.9	-	0.00
B18	4,912	4,914	-5.23	96.9	-	0.00
B2	5,088	5,090	-5.57	96.9	-	0.00
B22	2,174	2,179	2.34	96.9	-	0.00
B23	5,750	5,752	-6.75	96.9	-	0.00
B24	2,290	2,294	1.87	96.9	-	0.00
B25	2,936	2,940	-0.40	96.9	-	0.00
B3	7,814	7,815	-9.76	96.9	-	0.00
B4	4,554	4,556	-4.51	96.9	-	0.00
B5	6,569	6,570	-8.04	96.9	-	0.00
B7	6,248	6,250	-7.55	96.9	-	0.00
B9	6,194	6,196	-7.47	96.9	-	0.00
Sum			10.49			

- Data undefined due to calculation with octave data

Noise sensitive area: Vejkalni Noise sensitive point: Danish 2019 low frequency - Regular dwellings (85)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,073	3,076	-0.83	96.9	-	0.00
B11	4,365	4,367	-4.11	96.9	-	0.00
B12	4,646	4,649	-4.70	96.9	-	0.00
B14	1,354	1,362	6.58	96.9	-	0.00
B15	4,292	4,295	-3.95	96.9	-	0.00
B17	4,198	4,201	-3.74	96.9	-	0.00
B18	4,218	4,221	-3.78	96.9	-	0.00
B2	4,159	4,162	-3.65	96.9	-	0.00
B22	1,441	1,448	6.03	96.9	-	0.00
B23	5,034	5,036	-5.47	96.9	-	0.00
B24	2,099	2,105	2.66	96.9	-	0.00
B25	2,705	2,709	0.35	96.9	-	0.00
B3	6,929	6,931	-8.57	96.9	-	0.00
B4	3,681	3,684	-2.50	96.9	-	0.00
B5	5,725	5,727	-6.70	96.9	-	0.00
B7	5,468	5,470	-6.26	96.9	-	0.00
B9	5,481	5,483	-6.28	96.9	-	0.00
Sum			12.15			

- Data undefined due to calculation with octave data

Project:

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Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,073	3,076	-0.83	96.9	-	0.00
B11	4,365	4,367	-4.11	96.9	-	0.00
B12	4,646	4,649	-4.70	96.9	-	0.00
B14	1,354	1,362	6.58	96.9	-	0.00
B15	4,292	4,295	-3.95	96.9	-	0.00
B17	4,198	4,201	-3.74	96.9	-	0.00
B18	4,218	4,221	-3.78	96.9	-	0.00
B2	4,159	4,162	-3.65	96.9	-	0.00
B22	1,441	1,448	6.03	96.9	-	0.00
B23	5,034	5,036	-5.47	96.9	-	0.00
B24	2,099	2,105	2.66	96.9	-	0.00
B25	2,705	2,709	0.35	96.9	-	0.00
B3	6,929	6,931	-8.57	96.9	-	0.00
B4	3,681	3,684	-2.50	96.9	-	0.00
B5	5,725	5,727	-6.70	96.9	-	0.00
B7	5,468	5,470	-6.26	96.9	-	0.00
B9	5,481	5,483	-6.28	96.9	-	0.00
Sum			12.15			

- Data undefined due to calculation with octave data

Noise sensitive area: Veveri Noise sensitive point: Danish 2019 low frequency - Regular dwellings (56)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,166	4,169	-3.67	96.9	-	0.00
B11	4,489	4,492	-4.37	96.9	-	0.00
B12	4,599	4,601	-4.60	96.9	-	0.00
B14	1,097	1,108	8.43	96.9	-	0.00
B15	4,910	4,912	-5.23	96.9	-	0.00
B17	5,395	5,397	-6.13	96.9	-	0.00
B18	4,624	4,627	-4.66	96.9	-	0.00
B2	5,128	5,131	-5.64	96.9	-	0.00
B22	2,123	2,129	2.55	96.9	-	0.00
B23	5,465	5,467	-6.25	96.9	-	0.00
B24	1,732	1,739	4.39	96.9	-	0.00
B25	2,342	2,347	1.66	96.9	-	0.00
B3	7,728	7,730	-9.65	96.9	-	0.00
B4	4,508	4,511	-4.41	96.9	-	0.00
B5	6,433	6,435	-7.84	96.9	-	0.00
B7	6,030	6,032	-7.21	96.9	-	0.00
B9	5,897	5,899	-6.99	96.9	-	0.00
Sum			12.18			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,166	4,169	-3.67	96.9	-	0.00
B11	4,489	4,492	-4.37	96.9	-	0.00
B12	4,599	4,601	-4.60	96.9	-	0.00
B14	1,097	1,108	8.43	96.9	-	0.00
B15	4,910	4,912	-5.23	96.9	-	0.00
B17	5,395	5,397	-6.13	96.9	-	0.00
B18	4,624	4,627	-4.66	96.9	-	0.00
B2	5,128	5,131	-5.64	96.9	-	0.00
B22	2,123	2,129	2.55	96.9	-	0.00
B23	5,465	5,467	-6.25	96.9	-	0.00
B24	1,732	1,739	4.39	96.9	-	0.00
B25	2,342	2,347	1.66	96.9	-	0.00
B3	7,728	7,730	-9.65	96.9	-	0.00
B4	4,508	4,511	-4.41	96.9	-	0.00
B5	6,433	6,435	-7.84	96.9	-	0.00

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Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

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WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B7	6,030	6,032	-7.21	96.9	-	0.00
B9	5,897	5,899	-6.99	96.9	-	0.00
Sum			12.18			

- Data undefined due to calculation with octave data

Noise sensitive area: Veveri 1 Noise sensitive point: Danish 2019 low frequency - Regular dwellings (38)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,998	4,001	-3.28	96.9	-	0.00
B11	4,430	4,432	-4.25	96.9	-	0.00
B12	4,562	4,565	-4.53	96.9	-	0.00
B14	996	1,008	9.27	96.9	-	0.00
B15	4,794	4,797	-5.00	96.9	-	0.00
B17	5,221	5,223	-5.82	96.9	-	0.00
B18	4,531	4,534	-4.46	96.9	-	0.00
B2	4,976	4,978	-5.35	96.9	-	0.00
B22	1,971	1,977	3.23	96.9	-	0.00
B23	5,373	5,375	-6.09	96.9	-	0.00
B24	1,694	1,701	4.59	96.9	-	0.00
B25	2,323	2,328	1.74	96.9	-	0.00
B3	7,600	7,601	-9.48	96.9	-	0.00
B4	4,368	4,370	-4.11	96.9	-	0.00
B5	6,312	6,314	-7.65	96.9	-	0.00
B7	5,925	5,927	-7.04	96.9	-	0.00
B9	5,809	5,811	-6.84	96.9	-	0.00
Sum			12.71			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,998	4,001	-3.28	96.9	-	0.00
B11	4,430	4,432	-4.25	96.9	-	0.00
B12	4,562	4,565	-4.53	96.9	-	0.00
B14	996	1,008	9.27	96.9	-	0.00
B15	4,794	4,797	-5.00	96.9	-	0.00
B17	5,221	5,223	-5.82	96.9	-	0.00
B18	4,531	4,534	-4.46	96.9	-	0.00
B2	4,976	4,978	-5.35	96.9	-	0.00
B22	1,971	1,977	3.23	96.9	-	0.00
B23	5,373	5,375	-6.09	96.9	-	0.00
B24	1,694	1,701	4.59	96.9	-	0.00
B25	2,323	2,328	1.74	96.9	-	0.00
B3	7,600	7,601	-9.48	96.9	-	0.00
B4	4,368	4,370	-4.11	96.9	-	0.00
B5	6,312	6,314	-7.65	96.9	-	0.00
B7	5,925	5,927	-7.04	96.9	-	0.00
B9	5,809	5,811	-6.84	96.9	-	0.00
Sum			12.71			

- Data undefined due to calculation with octave data

Noise sensitive area: Viduslejas Noise sensitive point: Danish 2019 low frequency - Regular dwellings (1)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	2,626	2,631	0.62	96.9	-	0.00
B11	4,584	4,587	-4.57	96.9	-	0.00
B12	4,956	4,959	-5.32	96.9	-	0.00
B14	2,197	2,203	2.24	96.9	-	0.00
B15	4,170	4,173	-3.68	96.9	-	0.00

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Project:

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Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

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WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B17	3,572	3,576	-2.23	96.9	-	0.00
B18	4,257	4,260	-3.87	96.9	-	0.00
B2	3,751	3,755	-2.68	96.9	-	0.00
B22	1,755	1,763	4.26	96.9	-	0.00
B23	5,009	5,011	-5.42	96.9	-	0.00
B24	2,817	2,822	-0.03	96.9	-	0.00
B25	3,337	3,341	-1.59	96.9	-	0.00
B3	6,564	6,566	-8.04	96.9	-	0.00
B4	3,432	3,435	-1.85	96.9	-	0.00
B5	5,465	5,468	-6.26	96.9	-	0.00
B7	5,328	5,330	-6.01	96.9	-	0.00
B9	5,446	5,448	-6.22	96.9	-	0.00
Sum			10.66			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	2,626	2,631	0.62	96.9	-	0.00
B11	4,584	4,587	-4.57	96.9	-	0.00
B12	4,956	4,959	-5.32	96.9	-	0.00
B14	2,197	2,203	2.24	96.9	-	0.00
B15	4,170	4,173	-3.68	96.9	-	0.00
B17	3,572	3,576	-2.23	96.9	-	0.00
B18	4,257	4,260	-3.87	96.9	-	0.00
B2	3,751	3,755	-2.68	96.9	-	0.00
B22	1,755	1,763	4.26	96.9	-	0.00
B23	5,009	5,011	-5.42	96.9	-	0.00
B24	2,817	2,822	-0.03	96.9	-	0.00
B25	3,337	3,341	-1.59	96.9	-	0.00
B3	6,564	6,566	-8.04	96.9	-	0.00
B4	3,432	3,435	-1.85	96.9	-	0.00
B5	5,465	5,468	-6.26	96.9	-	0.00
B7	5,328	5,330	-6.01	96.9	-	0.00
B9	5,446	5,448	-6.22	96.9	-	0.00
Sum			10.66			

- Data undefined due to calculation with octave data

Noise sensitive area: Vilniš i Noise sensitive point: Danish 2019 low frequency - Regular dwellings (70)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,223	1,233	7.47	96.9	-	0.00
B11	2,978	2,982	-0.54	96.9	-	0.00
B12	3,406	3,410	-1.78	96.9	-	0.00
B14	2,006	2,012	3.07	96.9	-	0.00
B15	2,492	2,497	1.10	96.9	-	0.00
B17	2,446	2,451	1.27	96.9	-	0.00
B18	2,578	2,583	0.79	96.9	-	0.00
B2	2,270	2,275	1.95	96.9	-	0.00
B22	902	916	10.12	96.9	-	0.00
B23	3,321	3,325	-1.55	96.9	-	0.00
B24	2,123	2,129	2.55	96.9	-	0.00
B25	2,356	2,362	1.61	96.9	-	0.00
B3	5,036	5,039	-5.47	96.9	-	0.00
B4	1,803	1,810	4.03	96.9	-	0.00
B5	3,855	3,858	-2.94	96.9	-	0.00
B7	3,660	3,664	-2.45	96.9	-	0.00
B9	3,758	3,762	-2.70	96.9	-	0.00
Sum			15.21			

- Data undefined due to calculation with octave data

Project:

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Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,223	1,233	7.47	96.9	-	0.00
B11	2,978	2,982	-0.54	96.9	-	0.00
B12	3,406	3,410	-1.78	96.9	-	0.00
B14	2,006	2,012	3.07	96.9	-	0.00
B15	2,492	2,497	1.10	96.9	-	0.00
B17	2,446	2,451	1.27	96.9	-	0.00
B18	2,578	2,583	0.79	96.9	-	0.00
B2	2,270	2,275	1.95	96.9	-	0.00
B22	902	916	10.12	96.9	-	0.00
B23	3,321	3,325	-1.55	96.9	-	0.00
B24	2,123	2,129	2.55	96.9	-	0.00
B25	2,356	2,362	1.61	96.9	-	0.00
B3	5,036	5,039	-5.47	96.9	-	0.00
B4	1,803	1,810	4.03	96.9	-	0.00
B5	3,855	3,858	-2.94	96.9	-	0.00
B7	3,660	3,664	-2.45	96.9	-	0.00
B9	3,758	3,762	-2.70	96.9	-	0.00
Sum			15.21			

- Data undefined due to calculation with octave data

Noise sensitive area: Vipes skola 1 Noise sensitive point: Danish 2019 low frequency - Regular dwellings (96)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,886	1,893	3.62	96.9	-	0.00
B11	3,675	3,678	-2.49	96.9	-	0.00
B12	4,060	4,063	-3.43	96.9	-	0.00
B14	1,789	1,796	4.09	96.9	-	0.00
B15	3,284	3,288	-1.44	96.9	-	0.00
B17	2,999	3,004	-0.60	96.9	-	0.00
B18	3,344	3,348	-1.61	96.9	-	0.00
B2	2,992	2,997	-0.58	96.9	-	0.00
B22	969	983	9.49	96.9	-	0.00
B23	4,105	4,108	-3.53	96.9	-	0.00
B24	2,201	2,207	2.22	96.9	-	0.00
B25	2,620	2,625	0.64	96.9	-	0.00
B3	5,790	5,792	-6.81	96.9	-	0.00
B4	2,584	2,589	0.77	96.9	-	0.00
B5	4,635	4,637	-4.68	96.9	-	0.00
B7	4,452	4,455	-4.30	96.9	-	0.00
B9	4,545	4,548	-4.49	96.9	-	0.00
Sum			13.74			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,886	1,893	3.62	96.9	-	0.00
B11	3,675	3,678	-2.49	96.9	-	0.00
B12	4,060	4,063	-3.43	96.9	-	0.00
B14	1,789	1,796	4.09	96.9	-	0.00
B15	3,284	3,288	-1.44	96.9	-	0.00
B17	2,999	3,004	-0.60	96.9	-	0.00
B18	3,344	3,348	-1.61	96.9	-	0.00
B2	2,992	2,997	-0.58	96.9	-	0.00
B22	969	983	9.49	96.9	-	0.00
B23	4,105	4,108	-3.53	96.9	-	0.00
B24	2,201	2,207	2.22	96.9	-	0.00
B25	2,620	2,625	0.64	96.9	-	0.00
B3	5,790	5,792	-6.81	96.9	-	0.00
B4	2,584	2,589	0.77	96.9	-	0.00
B5	4,635	4,637	-4.68	96.9	-	0.00

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Calculated:

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## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

...continued from previous page

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B7	4,452	4,455	-4.30	96.9	-	0.00
B9	4,545	4,548	-4.49	96.9	-	0.00
Sum			13.74			

- Data undefined due to calculation with octave data

Noise sensitive area: Vipmali Noise sensitive point: Danish 2019 low frequency - Regular dwellings (52)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,127	1,138	8.19	96.9	-	0.00
B11	3,812	3,816	-2.83	96.9	-	0.00
B12	4,353	4,356	-4.08	96.9	-	0.00
B14	4,209	4,213	-3.77	96.9	-	0.00
B15	2,475	2,480	1.16	96.9	-	0.00
B17	458	486	15.72	96.9	-	0.00
B18	3,044	3,048	-0.74	96.9	-	0.00
B2	1,296	1,306	6.96	96.9	-	0.00
B22	3,100	3,104	-0.91	96.9	-	0.00
B23	3,329	3,333	-1.57	96.9	-	0.00
B24	4,237	4,240	-3.83	96.9	-	0.00
B25	4,300	4,303	-3.97	96.9	-	0.00
B3	3,714	3,717	-2.59	96.9	-	0.00
B4	1,735	1,742	4.37	96.9	-	0.00
B5	2,981	2,985	-0.55	96.9	-	0.00
B7	3,216	3,220	-1.25	96.9	-	0.00
B9	3,626	3,629	-2.36	96.9	-	0.00
Sum			17.80			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,127	1,138	8.19	96.9	-	0.00
B11	3,812	3,816	-2.83	96.9	-	0.00
B12	4,353	4,356	-4.08	96.9	-	0.00
B14	4,209	4,213	-3.77	96.9	-	0.00
B15	2,475	2,480	1.16	96.9	-	0.00
B17	458	486	15.72	96.9	-	0.00
B18	3,044	3,048	-0.74	96.9	-	0.00
B2	1,296	1,306	6.96	96.9	-	0.00
B22	3,100	3,104	-0.91	96.9	-	0.00
B23	3,329	3,333	-1.57	96.9	-	0.00
B24	4,237	4,240	-3.83	96.9	-	0.00
B25	4,300	4,303	-3.97	96.9	-	0.00
B3	3,714	3,717	-2.59	96.9	-	0.00
B4	1,735	1,742	4.37	96.9	-	0.00
B5	2,981	2,985	-0.55	96.9	-	0.00
B7	3,216	3,220	-1.25	96.9	-	0.00
B9	3,626	3,629	-2.36	96.9	-	0.00
Sum			17.80			

- Data undefined due to calculation with octave data

Noise sensitive area: Zalumi Noise sensitive point: Danish 2019 low frequency - Regular dwellings (91)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,924	4,927	-5.26	96.9	-	0.00
B11	4,534	4,537	-4.47	96.9	-	0.00
B12	4,501	4,504	-4.40	96.9	-	0.00
B14	1,768	1,775	4.20	96.9	-	0.00
B15	5,293	5,295	-5.95	96.9	-	0.00

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## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

...continued from previous page

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B17	6,182	6,184	-7.45	96.9	-	0.00
B18	4,871	4,873	-5.15	96.9	-	0.00
B2	5,755	5,757	-6.75	96.9	-	0.00
B22	2,874	2,878	-0.21	96.9	-	0.00
B23	5,679	5,681	-6.63	96.9	-	0.00
B24	1,931	1,938	3.41	96.9	-	0.00
B25	2,322	2,328	1.74	96.9	-	0.00
B3	8,146	8,147	-10.17	96.9	-	0.00
B4	5,065	5,067	-5.52	96.9	-	0.00
B5	6,815	6,817	-8.40	96.9	-	0.00
B7	6,317	6,319	-7.66	96.9	-	0.00
B9	6,079	6,081	-7.29	96.9	-	0.00
Sum			10.14			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,924	4,927	-5.26	96.9	-	0.00
B11	4,534	4,537	-4.47	96.9	-	0.00
B12	4,501	4,504	-4.40	96.9	-	0.00
B14	1,768	1,775	4.20	96.9	-	0.00
B15	5,293	5,295	-5.95	96.9	-	0.00
B17	6,182	6,184	-7.45	96.9	-	0.00
B18	4,871	4,873	-5.15	96.9	-	0.00
B2	5,755	5,757	-6.75	96.9	-	0.00
B22	2,874	2,878	-0.21	96.9	-	0.00
B23	5,679	5,681	-6.63	96.9	-	0.00
B24	1,931	1,938	3.41	96.9	-	0.00
B25	2,322	2,328	1.74	96.9	-	0.00
B3	8,146	8,147	-10.17	96.9	-	0.00
B4	5,065	5,067	-5.52	96.9	-	0.00
B5	6,815	6,817	-8.40	96.9	-	0.00
B7	6,317	6,319	-7.66	96.9	-	0.00
B9	6,079	6,081	-7.29	96.9	-	0.00
Sum			10.14			

- Data undefined due to calculation with octave data

Noise sensitive area: Ziedini Noise sensitive point: Danish 2019 low frequency - Regular dwellings (48)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	2,105	2,111	2.63	96.9	-	0.00
B11	4,044	4,047	-3.39	96.9	-	0.00
B12	4,432	4,435	-4.25	96.9	-	0.00
B14	1,994	2,001	3.12	96.9	-	0.00
B15	3,606	3,610	-2.31	96.9	-	0.00
B17	3,131	3,135	-1.00	96.9	-	0.00
B18	3,696	3,700	-2.55	96.9	-	0.00
B2	3,228	3,232	-1.28	96.9	-	0.00
B22	1,309	1,319	6.87	96.9	-	0.00
B23	4,444	4,447	-4.28	96.9	-	0.00
B24	2,492	2,498	1.10	96.9	-	0.00
B25	2,949	2,953	-0.45	96.9	-	0.00
B3	6,039	6,041	-7.22	96.9	-	0.00
B4	2,876	2,881	-0.22	96.9	-	0.00
B5	4,917	4,920	-5.24	96.9	-	0.00
B7	4,767	4,770	-4.95	96.9	-	0.00
B9	4,881	4,884	-5.17	96.9	-	0.00
Sum			12.28			

- Data undefined due to calculation with octave data

Project:

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16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	2,105	2,111	2.63	96.9	-	0.00
B11	4,044	4,047	-3.39	96.9	-	0.00
B12	4,432	4,435	-4.25	96.9	-	0.00
B14	1,994	2,001	3.12	96.9	-	0.00
B15	3,606	3,610	-2.31	96.9	-	0.00
B17	3,131	3,135	-1.00	96.9	-	0.00
B18	3,696	3,700	-2.55	96.9	-	0.00
B2	3,228	3,232	-1.28	96.9	-	0.00
B22	1,309	1,319	6.87	96.9	-	0.00
B23	4,444	4,447	-4.28	96.9	-	0.00
B24	2,492	2,498	1.10	96.9	-	0.00
B25	2,949	2,953	-0.45	96.9	-	0.00
B3	6,039	6,041	-7.22	96.9	-	0.00
B4	2,876	2,881	-0.22	96.9	-	0.00
B5	4,917	4,920	-5.24	96.9	-	0.00
B7	4,767	4,770	-4.95	96.9	-	0.00
B9	4,881	4,884	-5.17	96.9	-	0.00
Sum			12.28			

- Data undefined due to calculation with octave data

Noise sensitive area: Ziemeli Noise sensitive point: Danish 2019 low frequency - Regular dwellings (60)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,063	4,065	-3.43	96.9	-	0.00
B11	4,943	4,945	-5.29	96.9	-	0.00
B12	5,133	5,135	-5.65	96.9	-	0.00
B14	1,522	1,529	5.55	96.9	-	0.00
B15	5,115	5,117	-5.62	96.9	-	0.00
B17	5,220	5,222	-5.81	96.9	-	0.00
B18	4,940	4,942	-5.29	96.9	-	0.00
B2	5,119	5,121	-5.63	96.9	-	0.00
B22	2,204	2,208	2.22	96.9	-	0.00
B23	5,778	5,780	-6.79	96.9	-	0.00
B24	2,310	2,314	1.79	96.9	-	0.00
B25	2,955	2,959	-0.46	96.9	-	0.00
B3	7,844	7,845	-9.79	96.9	-	0.00
B4	4,584	4,587	-4.57	96.9	-	0.00
B5	6,599	6,600	-8.09	96.9	-	0.00
B7	6,277	6,279	-7.60	96.9	-	0.00
B9	6,222	6,223	-7.51	96.9	-	0.00
Sum			10.40			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,063	4,065	-3.43	96.9	-	0.00
B11	4,943	4,945	-5.29	96.9	-	0.00
B12	5,133	5,135	-5.65	96.9	-	0.00
B14	1,522	1,529	5.55	96.9	-	0.00
B15	5,115	5,117	-5.62	96.9	-	0.00
B17	5,220	5,222	-5.81	96.9	-	0.00
B18	4,940	4,942	-5.29	96.9	-	0.00
B2	5,119	5,121	-5.63	96.9	-	0.00
B22	2,204	2,208	2.22	96.9	-	0.00
B23	5,778	5,780	-6.79	96.9	-	0.00
B24	2,310	2,314	1.79	96.9	-	0.00
B25	2,955	2,959	-0.46	96.9	-	0.00
B3	7,844	7,845	-9.79	96.9	-	0.00
B4	4,584	4,587	-4.57	96.9	-	0.00
B5	6,599	6,600	-8.09	96.9	-	0.00

To be continued on next page...

Project:

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Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

...continued from previous page

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B7	6,277	6,279	-7.60	96.9	-	0.00
B9	6,222	6,223	-7.51	96.9	-	0.00
Sum			10.40			

- Data undefined due to calculation with octave data

Noise sensitive area: Ziemeļnieki Noise sensitive point: Danish 2019 low frequency - Regular dwellings (7)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,654	3,657	-2.44	96.9	-	0.00
B11	1,720	1,728	4.45	96.9	-	0.00
B12	1,533	1,541	5.48	96.9	-	0.00
B14	2,467	2,472	1.19	96.9	-	0.00
B15	2,973	2,977	-0.52	96.9	-	0.00
B17	4,738	4,741	-4.89	96.9	-	0.00
B18	2,347	2,353	1.64	96.9	-	0.00
B2	3,931	3,934	-3.12	96.9	-	0.00
B22	2,562	2,567	0.84	96.9	-	0.00
B23	2,996	3,000	-0.59	96.9	-	0.00
B24	1,664	1,671	4.75	96.9	-	0.00
B25	1,024	1,036	9.03	96.9	-	0.00
B3	5,635	5,637	-6.55	96.9	-	0.00
B4	3,198	3,202	-1.20	96.9	-	0.00
B5	4,321	4,324	-4.01	96.9	-	0.00
B7	3,697	3,701	-2.55	96.9	-	0.00
B9	3,321	3,325	-1.55	96.9	-	0.00
Sum			14.32			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	3,654	3,657	-2.44	96.9	-	0.00
B11	1,720	1,728	4.45	96.9	-	0.00
B12	1,533	1,541	5.48	96.9	-	0.00
B14	2,467	2,472	1.19	96.9	-	0.00
B15	2,973	2,977	-0.52	96.9	-	0.00
B17	4,738	4,741	-4.89	96.9	-	0.00
B18	2,347	2,353	1.64	96.9	-	0.00
B2	3,931	3,934	-3.12	96.9	-	0.00
B22	2,562	2,567	0.84	96.9	-	0.00
B23	2,996	3,000	-0.59	96.9	-	0.00
B24	1,664	1,671	4.75	96.9	-	0.00
B25	1,024	1,036	9.03	96.9	-	0.00
B3	5,635	5,637	-6.55	96.9	-	0.00
B4	3,198	3,202	-1.20	96.9	-	0.00
B5	4,321	4,324	-4.01	96.9	-	0.00
B7	3,697	3,701	-2.55	96.9	-	0.00
B9	3,321	3,325	-1.55	96.9	-	0.00
Sum			14.32			

- Data undefined due to calculation with octave data

Noise sensitive area: Zilites Noise sensitive point: Danish 2019 low frequency - Regular dwellings (40)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,028	1,041	8.99	96.9	-	0.00
B11	3,363	3,367	-1.66	96.9	-	0.00
B12	3,826	3,829	-2.87	96.9	-	0.00
B14	2,472	2,478	1.17	96.9	-	0.00
B15	2,648	2,653	0.54	96.9	-	0.00

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Project:

ZFT B alternativa Mezares

Licensed user:

SIA Estonian, Latvian &amp; Lithuanian environment

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LV-1010 Riga

0037167242411

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Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

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WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B17	2,108	2,114	2.62	96.9	-	0.00
B18	2,861	2,866	-0.17	96.9	-	0.00
B2	2,153	2,159	2.43	96.9	-	0.00
B22	1,408	1,418	6.23	96.9	-	0.00
B23	3,531	3,534	-2.12	96.9	-	0.00
B24	2,661	2,666	0.50	96.9	-	0.00
B25	2,907	2,911	-0.31	96.9	-	0.00
B3	4,965	4,968	-5.34	96.9	-	0.00
B4	1,860	1,867	3.75	96.9	-	0.00
B5	3,871	3,875	-2.98	96.9	-	0.00
B7	3,775	3,778	-2.74	96.9	-	0.00
B9	3,951	3,954	-3.17	96.9	-	0.00
Sum			14.34			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	1,028	1,041	8.99	96.9	-	0.00
B11	3,363	3,367	-1.66	96.9	-	0.00
B12	3,826	3,829	-2.87	96.9	-	0.00
B14	2,472	2,478	1.17	96.9	-	0.00
B15	2,648	2,653	0.54	96.9	-	0.00
B17	2,108	2,114	2.62	96.9	-	0.00
B18	2,861	2,866	-0.17	96.9	-	0.00
B2	2,153	2,159	2.43	96.9	-	0.00
B22	1,408	1,418	6.23	96.9	-	0.00
B23	3,531	3,534	-2.12	96.9	-	0.00
B24	2,661	2,666	0.50	96.9	-	0.00
B25	2,907	2,911	-0.31	96.9	-	0.00
B3	4,965	4,968	-5.34	96.9	-	0.00
B4	1,860	1,867	3.75	96.9	-	0.00
B5	3,871	3,875	-2.98	96.9	-	0.00
B7	3,775	3,778	-2.74	96.9	-	0.00
B9	3,951	3,954	-3.17	96.9	-	0.00
Sum			14.34			

- Data undefined due to calculation with octave data

Noise sensitive area: Zilusala (Ozolsala) Noise sensitive point: Danish 2019 low frequency - Regular dwellings (79)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,473	4,475	-4.34	96.9	-	0.00
B11	3,065	3,070	-0.80	96.9	-	0.00
B12	2,883	2,887	-0.24	96.9	-	0.00
B14	2,145	2,151	2.46	96.9	-	0.00
B15	4,192	4,195	-3.73	96.9	-	0.00
B17	5,673	5,675	-6.62	96.9	-	0.00
B18	3,621	3,624	-2.35	96.9	-	0.00
B2	4,991	4,994	-5.39	96.9	-	0.00
B22	2,808	2,813	0.00	96.9	-	0.00
B23	4,326	4,329	-4.03	96.9	-	0.00
B24	1,540	1,549	5.43	96.9	-	0.00
B25	1,299	1,309	6.94	96.9	-	0.00
B3	6,945	6,946	-8.59	96.9	-	0.00
B4	4,249	4,252	-3.85	96.9	-	0.00
B5	5,617	5,619	-6.52	96.9	-	0.00
B7	5,019	5,022	-5.44	96.9	-	0.00
B9	4,668	4,671	-4.75	96.9	-	0.00
Sum			12.21			

- Data undefined due to calculation with octave data



Project:

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Kristiana / kristiana@environment.lv

Calculated:

16/07/2024 6:39 pm/4.0.540

## DECIBEL - Detailed results

Calculation: Siemens Gamesa SG170-7.0 MW ST B altrenativa 160724 Noise calculation model: Danish low frequency 2019

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
B1	4,473	4,475	-4.34	96.9	-	0.00
B11	3,065	3,070	-0.80	96.9	-	0.00
B12	2,883	2,887	-0.24	96.9	-	0.00
B14	2,145	2,151	2.46	96.9	-	0.00
B15	4,192	4,195	-3.73	96.9	-	0.00
B17	5,673	5,675	-6.62	96.9	-	0.00
B18	3,621	3,624	-2.35	96.9	-	0.00
B2	4,991	4,994	-5.39	96.9	-	0.00
B22	2,808	2,813	0.00	96.9	-	0.00
B23	4,326	4,329	-4.03	96.9	-	0.00
B24	1,540	1,549	5.43	96.9	-	0.00
B25	1,299	1,309	6.94	96.9	-	0.00
B3	6,945	6,946	-8.59	96.9	-	0.00
B4	4,249	4,252	-3.85	96.9	-	0.00
B5	5,617	5,619	-6.52	96.9	-	0.00
B7	5,019	5,022	-5.44	96.9	-	0.00
B9	4,668	4,671	-4.75	96.9	-	0.00
Sum			12.21			

- Data undefined due to calculation with octave data