

Project:

Vestas V162-6.2 MW

Licensed user:

SIA Estonian, Latvian & Lithuanian environment

Vilandes 3-6

LV-1010 Riga

0037167242411

Kristiana / kristiana@environment.lv

Calculated:

04/04/2025 5:23 pm/4.0.547

DECIBEL - Detailed results

Calculation: Vestas V162-6.2 MW STE Noise calculation model: Danish low frequency 2019

Assumptions

Cmet: Meteorological correction

Calculation Results

Noise sensitive area: 74440040026001 Alpi 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]
1	4,441	4,443	-7.24	95.2	-	0.00
10	1,729	1,736	1.57	95.2	-	0.00
13	2,893	2,898	-3.17	95.2	-	0.00
2	3,871	3,874	-5.92	95.2	-	0.00
3	5,478	5,480	-9.30	95.2	-	0.00
4	4,931	4,933	-8.26	95.2	-	0.00
5	4,152	4,156	-6.59	95.2	-	0.00
6	4,975	4,977	-8.35	95.2	-	0.00
7	4,047	4,050	-6.35	95.2	-	0.00
8	1,948	1,955	0.48	95.2	-	0.00
9	2,326	2,331	-1.14	95.2	-	0.00
Sum			7.09			

- 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]
1	4,441	4,443	-7.02	95.3	-	0.00
10	1,729	1,736	1.78	95.3	-	0.00
13	2,893	2,898	-2.95	95.3	-	0.00
2	3,871	3,874	-5.70	95.3	-	0.00
3	5,478	5,480	-9.07	95.3	-	0.00
4	4,931	4,933	-8.03	95.3	-	0.00
5	4,152	4,156	-6.37	95.3	-	0.00
6	4,975	4,977	-8.12	95.3	-	0.00
7	4,047	4,050	-6.12	95.3	-	0.00
8	1,948	1,955	0.70	95.3	-	0.00
9	2,326	2,331	-0.93	95.3	-	0.00
Sum			7.30			

- Data undefined due to calculation with octave data

Noise sensitive area: 74440070002001 Straumes 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]
1	1,589	1,598	2.32	95.2	-	0.00
10	4,429	4,432	-7.22	95.2	-	0.00
13	3,261	3,265	-4.29	95.2	-	0.00
2	2,210	2,216	-0.67	95.2	-	0.00
3	1,301	1,312	4.11	95.2	-	0.00
4	1,718	1,726	1.62	95.2	-	0.00
5	2,267	2,273	-0.91	95.2	-	0.00
6	1,126	1,138	5.38	95.2	-	0.00
7	1,988	1,995	0.30	95.2	-	0.00
8	4,060	4,064	-6.38	95.2	-	0.00
9	3,854	3,858	-5.88	95.2	-	0.00
Sum			11.13			

- 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]
1	1,589	1,598	2.53	95.3	-	0.00
10	4,429	4,432	-6.99	95.3	-	0.00
13	3,261	3,265	-4.07	95.3	-	0.00

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Calculation: Vestas V162-6.2 MW STE 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]
2	2,210	2,216	-0.46	95.3	-	0.00
3	1,301	1,312	4.32	95.3	-	0.00
4	1,718	1,726	1.83	95.3	-	0.00
5	2,267	2,273	-0.69	95.3	-	0.00
6	1,126	1,138	5.59	95.3	-	0.00
7	1,988	1,995	0.51	95.3	-	0.00
8	4,060	4,064	-6.16	95.3	-	0.00
9	3,854	3,858	-5.66	95.3	-	0.00
Sum			11.34			

- Data undefined due to calculation with octave data

Noise sensitive area: 74440070004001 Beikapi 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]
1	2,250	2,255	-0.83	95.2	-	0.00
10	4,200	4,203	-6.70	95.2	-	0.00
13	3,098	3,102	-3.81	95.2	-	0.00
2	2,417	2,422	-1.49	95.2	-	0.00
3	1,088	1,099	5.69	95.2	-	0.00
4	1,236	1,246	4.57	95.2	-	0.00
5	1,873	1,879	0.84	95.2	-	0.00
6	1,881	1,888	0.80	95.2	-	0.00
7	2,877	2,881	-3.11	95.2	-	0.00
8	4,202	4,205	-6.71	95.2	-	0.00
9	3,613	3,617	-5.26	95.2	-	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]
1	2,250	2,255	-0.62	95.3	-	0.00
10	4,200	4,203	-6.48	95.3	-	0.00
13	3,098	3,102	-3.59	95.3	-	0.00
2	2,417	2,422	-1.28	95.3	-	0.00
3	1,088	1,099	5.90	95.3	-	0.00
4	1,236	1,246	4.78	95.3	-	0.00
5	1,873	1,879	1.06	95.3	-	0.00
6	1,881	1,888	1.02	95.3	-	0.00
7	2,877	2,881	-2.90	95.3	-	0.00
8	4,202	4,205	-6.48	95.3	-	0.00
9	3,613	3,617	-5.04	95.3	-	0.00
Sum			11.06			

- Data undefined due to calculation with octave data

Noise sensitive area: 74440070017002 Atini 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]
1	3,391	3,395	-4.66	95.2	-	0.00
10	879	894	7.54	95.2	-	0.00
13	1,907	1,914	0.68	95.2	-	0.00
2	2,836	2,840	-2.98	95.2	-	0.00
3	4,468	4,470	-7.30	95.2	-	0.00
4	3,937	3,940	-6.08	95.2	-	0.00
5	3,169	3,173	-4.02	95.2	-	0.00
6	3,930	3,933	-6.06	95.2	-	0.00
7	2,987	2,992	-3.47	95.2	-	0.00
8	891	906	7.42	95.2	-	0.00
9	1,395	1,404	3.49	95.2	-	0.00
Sum			12.30			

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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]
1	3,391	3,395	-4.44	95.3	-	0.00
10	879	894	7.75	95.3	-	0.00
13	1,907	1,914	0.89	95.3	-	0.00
2	2,836	2,840	-2.76	95.3	-	0.00
3	4,468	4,470	-7.08	95.3	-	0.00
4	3,937	3,940	-5.86	95.3	-	0.00
5	3,169	3,173	-3.80	95.3	-	0.00
6	3,930	3,933	-5.84	95.3	-	0.00
7	2,987	2,992	-3.25	95.3	-	0.00
8	891	906	7.63	95.3	-	0.00
9	1,395	1,404	3.70	95.3	-	0.00
Sum			12.51			

- Data undefined due to calculation with octave data

Noise sensitive area: 74440070029001 Audzespieduri 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]
1	3,114	3,118	-3.86	95.2	-	0.00
10	5,236	5,238	-8.85	95.2	-	0.00
13	4,125	4,128	-6.53	95.2	-	0.00
2	3,383	3,387	-4.64	95.2	-	0.00
3	1,830	1,837	1.05	95.2	-	0.00
4	2,180	2,186	-0.54	95.2	-	0.00
5	2,883	2,888	-3.13	95.2	-	0.00
6	2,651	2,656	-2.35	95.2	-	0.00
7	3,749	3,752	-5.61	95.2	-	0.00
8	5,223	5,225	-8.83	95.2	-	0.00
9	4,648	4,651	-7.68	95.2	-	0.00
Sum			6.91			

- 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]
1	3,114	3,118	-3.64	95.3	-	0.00
10	5,236	5,238	-8.62	95.3	-	0.00
13	4,125	4,128	-6.31	95.3	-	0.00
2	3,383	3,387	-4.42	95.3	-	0.00
3	1,830	1,837	1.26	95.3	-	0.00
4	2,180	2,186	-0.33	95.3	-	0.00
5	2,883	2,888	-2.92	95.3	-	0.00
6	2,651	2,656	-2.13	95.3	-	0.00
7	3,749	3,752	-5.39	95.3	-	0.00
8	5,223	5,225	-8.60	95.3	-	0.00
9	4,648	4,651	-7.46	95.3	-	0.00
Sum			7.13			

- Data undefined due to calculation with octave data

Noise sensitive area: 74440070036001 Pieduri 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]
1	2,989	2,993	-3.47	95.2	-	0.00
10	4,961	4,963	-8.32	95.2	-	0.00
13	3,877	3,880	-5.93	95.2	-	0.00
2	3,197	3,201	-4.10	95.2	-	0.00
3	1,742	1,750	1.50	95.2	-	0.00
4	2,004	2,011	0.22	95.2	-	0.00
5	2,659	2,664	-2.38	95.2	-	0.00
6	2,567	2,572	-2.05	95.2	-	0.00

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WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
7	3,623	3,626	-5.29	95.2	-	0.00
8	4,984	4,987	-8.37	95.2	-	0.00
9	4,381	4,384	-7.11	95.2	-	0.00
Sum			7.44			

- 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]
1	2,989	2,993	-3.25	95.3	-	0.00
10	4,961	4,963	-8.09	95.3	-	0.00
13	3,877	3,880	-5.71	95.3	-	0.00
2	3,197	3,201	-3.88	95.3	-	0.00
3	1,742	1,750	1.71	95.3	-	0.00
4	2,004	2,011	0.44	95.3	-	0.00
5	2,659	2,664	-2.16	95.3	-	0.00
6	2,567	2,572	-1.84	95.3	-	0.00
7	3,623	3,626	-5.07	95.3	-	0.00
8	4,984	4,987	-8.14	95.3	-	0.00
9	4,381	4,384	-6.89	95.3	-	0.00
Sum			7.65			

- Data undefined due to calculation with octave data

Noise sensitive area: 74440070044001 Salaskalni 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]
1	2,570	2,575	-2.06	95.2	-	0.00
10	3,572	3,575	-5.15	95.2	-	0.00
13	2,679	2,683	-2.45	95.2	-	0.00
2	2,422	2,427	-1.51	95.2	-	0.00
3	1,906	1,912	0.68	95.2	-	0.00
4	1,631	1,638	2.10	95.2	-	0.00
5	1,775	1,782	1.33	95.2	-	0.00
6	2,446	2,451	-1.60	95.2	-	0.00
7	3,092	3,096	-3.79	95.2	-	0.00
8	3,770	3,773	-5.67	95.2	-	0.00
9	3,054	3,058	-3.67	95.2	-	0.00
Sum			9.12			

- 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]
1	2,570	2,575	-1.85	95.3	-	0.00
10	3,572	3,575	-4.93	95.3	-	0.00
13	2,679	2,683	-2.23	95.3	-	0.00
2	2,422	2,427	-1.30	95.3	-	0.00
3	1,906	1,912	0.90	95.3	-	0.00
4	1,631	1,638	2.31	95.3	-	0.00
5	1,775	1,782	1.54	95.3	-	0.00
6	2,446	2,451	-1.39	95.3	-	0.00
7	3,092	3,096	-3.57	95.3	-	0.00
8	3,770	3,773	-5.44	95.3	-	0.00
9	3,054	3,058	-3.45	95.3	-	0.00
Sum			9.33			

- Data undefined due to calculation with octave data

DECIBEL - Detailed results

Calculation: Vestas V162-6.2 MW STE Noise calculation model: Danish low frequency 2019

Noise sensitive area: 74440070045001 Licupes 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]
1	2,935	2,939	-3.30	95.2	-	0.00
10	2,303	2,309	-1.05	95.2	-	0.00
13	1,955	1,962	0.45	95.2	-	0.00
2	2,437	2,442	-1.57	95.2	-	0.00
3	3,020	3,024	-3.57	95.2	-	0.00
4	2,489	2,494	-1.77	95.2	-	0.00
5	2,004	2,011	0.22	95.2	-	0.00
6	3,137	3,141	-3.92	95.2	-	0.00
7	3,169	3,173	-4.02	95.2	-	0.00
8	2,766	2,770	-2.75	95.2	-	0.00
9	1,987	1,993	0.30	95.2	-	0.00
Sum			8.82			

- 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]
1	2,935	2,939	-3.08	95.3	-	0.00
10	2,303	2,309	-0.84	95.3	-	0.00
13	1,955	1,962	0.66	95.3	-	0.00
2	2,437	2,442	-1.36	95.3	-	0.00
3	3,020	3,024	-3.35	95.3	-	0.00
4	2,489	2,494	-1.55	95.3	-	0.00
5	2,004	2,011	0.44	95.3	-	0.00
6	3,137	3,141	-3.70	95.3	-	0.00
7	3,169	3,173	-3.80	95.3	-	0.00
8	2,766	2,770	-2.53	95.3	-	0.00
9	1,987	1,993	0.52	95.3	-	0.00
Sum			9.04			

- Data undefined due to calculation with octave data

Noise sensitive area: 74440070051001 Senci 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]
1	2,583	2,587	-2.11	95.2	-	0.00
10	4,106	4,109	-6.49	95.2	-	0.00
13	3,099	3,103	-3.81	95.2	-	0.00
2	2,609	2,613	-2.20	95.2	-	0.00
3	1,597	1,603	2.29	95.2	-	0.00
4	1,551	1,558	2.55	95.2	-	0.00
5	1,991	1,996	0.29	95.2	-	0.00
6	2,311	2,316	-1.08	95.2	-	0.00
7	3,179	3,182	-4.05	95.2	-	0.00
8	4,213	4,215	-6.73	95.2	-	0.00
9	3,550	3,553	-5.09	95.2	-	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]
1	2,583	2,587	-1.89	95.3	-	0.00
10	4,106	4,109	-6.26	95.3	-	0.00
13	3,099	3,103	-3.59	95.3	-	0.00
2	2,609	2,613	-1.98	95.3	-	0.00
3	1,597	1,603	2.50	95.3	-	0.00
4	1,551	1,558	2.77	95.3	-	0.00
5	1,991	1,996	0.50	95.3	-	0.00
6	2,311	2,316	-0.86	95.3	-	0.00
7	3,179	3,182	-3.83	95.3	-	0.00

To be continued on next page...

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WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
8	4,213	4,215	-6.51	95.3	-	0.00
9	3,550	3,553	-4.87	95.3	-	0.00
Sum			9.31			

- Data undefined due to calculation with octave data

Noise sensitive area: 74440070053001 Rogas 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]
1	2,994	2,998	-3.49	95.2	-	0.00
10	4,604	4,606	-7.59	95.2	-	0.00
13	3,597	3,601	-5.22	95.2	-	0.00
2	3,073	3,076	-3.73	95.2	-	0.00
3	1,888	1,894	0.77	95.2	-	0.00
4	1,960	1,965	0.43	95.2	-	0.00
5	2,468	2,473	-1.69	95.2	-	0.00
6	2,666	2,670	-2.40	95.2	-	0.00
7	3,607	3,610	-5.24	95.2	-	0.00
8	4,711	4,714	-7.82	95.2	-	0.00
9	4,050	4,053	-6.35	95.2	-	0.00
Sum			7.48			

- 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]
1	2,994	2,998	-3.27	95.3	-	0.00
10	4,604	4,606	-7.37	95.3	-	0.00
13	3,597	3,601	-5.00	95.3	-	0.00
2	3,073	3,076	-3.51	95.3	-	0.00
3	1,888	1,894	0.99	95.3	-	0.00
4	1,960	1,965	0.65	95.3	-	0.00
5	2,468	2,473	-1.47	95.3	-	0.00
6	2,666	2,670	-2.19	95.3	-	0.00
7	3,607	3,610	-5.02	95.3	-	0.00
8	4,711	4,714	-7.59	95.3	-	0.00
9	4,050	4,053	-6.13	95.3	-	0.00
Sum			7.69			

- Data undefined due to calculation with octave data

Noise sensitive area: 74440070054001 Duburi 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]
1	2,886	2,890	-3.14	95.2	-	0.00
10	2,449	2,454	-1.61	95.2	-	0.00
13	2,018	2,024	0.16	95.2	-	0.00
2	2,417	2,422	-1.49	95.2	-	0.00
3	2,896	2,900	-3.17	95.2	-	0.00
4	2,380	2,385	-1.35	95.2	-	0.00
5	1,944	1,951	0.50	95.2	-	0.00
6	3,056	3,060	-3.68	95.2	-	0.00
7	3,156	3,160	-3.98	95.2	-	0.00
8	2,881	2,885	-3.13	95.2	-	0.00
9	2,100	2,105	-0.20	95.2	-	0.00
Sum			8.77			

- Data undefined due to calculation with octave data

Project:

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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]
1	2,886	2,890	-2.92	95.3	-	0.00
10	2,449	2,454	-1.40	95.3	-	0.00
13	2,018	2,024	0.38	95.3	-	0.00
2	2,417	2,422	-1.28	95.3	-	0.00
3	2,896	2,900	-2.96	95.3	-	0.00
4	2,380	2,385	-1.14	95.3	-	0.00
5	1,944	1,951	0.71	95.3	-	0.00
6	3,056	3,060	-3.46	95.3	-	0.00
7	3,156	3,160	-3.76	95.3	-	0.00
8	2,881	2,885	-2.91	95.3	-	0.00
9	2,100	2,105	0.01	95.3	-	0.00
Sum			8.98			

- Data undefined due to calculation with octave data

Noise sensitive area: 74440070059001 Zarini 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]
1	2,756	2,760	-2.71	95.2	-	0.00
10	4,591	4,594	-7.56	95.2	-	0.00
13	3,528	3,531	-5.03	95.2	-	0.00
2	2,904	2,908	-3.20	95.2	-	0.00
3	1,577	1,584	2.40	95.2	-	0.00
4	1,737	1,744	1.53	95.2	-	0.00
5	2,336	2,341	-1.18	95.2	-	0.00
6	2,383	2,387	-1.36	95.2	-	0.00
7	3,382	3,386	-4.63	95.2	-	0.00
8	4,639	4,642	-7.67	95.2	-	0.00
9	4,017	4,020	-6.27	95.2	-	0.00
Sum			8.39			

- 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]
1	2,756	2,760	-2.49	95.3	-	0.00
10	4,591	4,594	-7.34	95.3	-	0.00
13	3,528	3,531	-4.81	95.3	-	0.00
2	2,904	2,908	-2.98	95.3	-	0.00
3	1,577	1,584	2.61	95.3	-	0.00
4	1,737	1,744	1.74	95.3	-	0.00
5	2,336	2,341	-0.96	95.3	-	0.00
6	2,383	2,387	-1.15	95.3	-	0.00
7	3,382	3,386	-4.41	95.3	-	0.00
8	4,639	4,642	-7.44	95.3	-	0.00
9	4,017	4,020	-6.05	95.3	-	0.00
Sum			8.61			

- Data undefined due to calculation with octave data

Noise sensitive area: 74440070062001 Oš i 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]
1	2,573	2,577	-2.07	95.2	-	0.00
10	3,718	3,721	-5.53	95.2	-	0.00
13	2,792	2,796	-2.83	95.2	-	0.00
2	2,470	2,474	-1.69	95.2	-	0.00
3	1,820	1,826	1.11	95.2	-	0.00
4	1,598	1,604	2.29	95.2	-	0.00
5	1,825	1,831	1.08	95.2	-	0.00
6	2,409	2,414	-1.46	95.2	-	0.00

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WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
7	3,118	3,121	-3.86	95.2	-	0.00
8	3,892	3,895	-5.97	95.2	-	0.00
9	3,189	3,192	-4.08	95.2	-	0.00
Sum			9.10			

- 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]
1	2,573	2,577	-1.85	95.3	-	0.00
10	3,718	3,721	-5.31	95.3	-	0.00
13	2,792	2,796	-2.61	95.3	-	0.00
2	2,470	2,474	-1.48	95.3	-	0.00
3	1,820	1,826	1.32	95.3	-	0.00
4	1,598	1,604	2.50	95.3	-	0.00
5	1,825	1,831	1.30	95.3	-	0.00
6	2,409	2,414	-1.25	95.3	-	0.00
7	3,118	3,121	-3.65	95.3	-	0.00
8	3,892	3,895	-5.75	95.3	-	0.00
9	3,189	3,192	-3.86	95.3	-	0.00
Sum			9.32			

- Data undefined due to calculation with octave data

Noise sensitive area: 74440070067001 Vecbirznieki 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]
1	1,795	1,803	1.22	95.2	-	0.00
10	4,612	4,615	-7.61	95.2	-	0.00
13	3,470	3,474	-4.88	95.2	-	0.00
2	2,426	2,432	-1.53	95.2	-	0.00
3	1,681	1,689	1.82	95.2	-	0.00
4	2,069	2,075	-0.07	95.2	-	0.00
5	2,562	2,567	-2.03	95.2	-	0.00
6	1,404	1,413	3.43	95.2	-	0.00
7	2,093	2,100	-0.17	95.2	-	0.00
8	4,195	4,198	-6.69	95.2	-	0.00
9	4,054	4,057	-6.36	95.2	-	0.00
Sum			9.67			

- 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]
1	1,795	1,803	1.44	95.3	-	0.00
10	4,612	4,615	-7.38	95.3	-	0.00
13	3,470	3,474	-4.66	95.3	-	0.00
2	2,426	2,432	-1.31	95.3	-	0.00
3	1,681	1,689	2.03	95.3	-	0.00
4	2,069	2,075	0.15	95.3	-	0.00
5	2,562	2,567	-1.82	95.3	-	0.00
6	1,404	1,413	3.65	95.3	-	0.00
7	2,093	2,100	0.04	95.3	-	0.00
8	4,195	4,198	-6.47	95.3	-	0.00
9	4,054	4,057	-6.14	95.3	-	0.00
Sum			9.88			

- Data undefined due to calculation with octave data

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Calculation: Vestas V162-6.2 MW STE Noise calculation model: Danish low frequency 2019

Noise sensitive area: 74440070069001 Lejieš i 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]
1	2,773	2,777	-2.77	95.2	-	0.00
10	3,691	3,693	-5.46	95.2	-	0.00
13	2,836	2,840	-2.98	95.2	-	0.00
2	2,617	2,621	-2.23	95.2	-	0.00
3	2,092	2,097	-0.16	95.2	-	0.00
4	1,832	1,838	1.05	95.2	-	0.00
5	1,970	1,976	0.38	95.2	-	0.00
6	2,648	2,651	-2.34	95.2	-	0.00
7	3,293	3,296	-4.38	95.2	-	0.00
8	3,917	3,920	-6.03	95.2	-	0.00
9	3,188	3,191	-4.08	95.2	-	0.00
Sum			8.35			

- 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]
1	2,773	2,777	-2.55	95.3	-	0.00
10	3,691	3,693	-5.24	95.3	-	0.00
13	2,836	2,840	-2.76	95.3	-	0.00
2	2,617	2,621	-2.01	95.3	-	0.00
3	2,092	2,097	0.05	95.3	-	0.00
4	1,832	1,838	1.26	95.3	-	0.00
5	1,970	1,976	0.60	95.3	-	0.00
6	2,648	2,651	-2.12	95.3	-	0.00
7	3,293	3,296	-4.16	95.3	-	0.00
8	3,917	3,920	-5.81	95.3	-	0.00
9	3,188	3,191	-3.86	95.3	-	0.00
Sum			8.56			

- Data undefined due to calculation with octave data

Noise sensitive area: 74440070070001 Silini 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]
1	2,978	2,981	-3.43	95.2	-	0.00
10	4,010	4,012	-6.26	95.2	-	0.00
13	3,142	3,145	-3.94	95.2	-	0.00
2	2,870	2,874	-3.09	95.2	-	0.00
3	2,176	2,181	-0.52	95.2	-	0.00
4	1,994	2,000	0.27	95.2	-	0.00
5	2,223	2,228	-0.72	95.2	-	0.00
6	2,802	2,806	-2.86	95.2	-	0.00
7	3,523	3,526	-5.02	95.2	-	0.00
8	4,228	4,231	-6.77	95.2	-	0.00
9	3,504	3,507	-4.97	95.2	-	0.00
Sum			7.59			

- 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]
1	2,978	2,981	-3.22	95.3	-	0.00
10	4,010	4,012	-6.03	95.3	-	0.00
13	3,142	3,145	-3.72	95.3	-	0.00
2	2,870	2,874	-2.87	95.3	-	0.00
3	2,176	2,181	-0.31	95.3	-	0.00
4	1,994	2,000	0.49	95.3	-	0.00
5	2,223	2,228	-0.51	95.3	-	0.00
6	2,802	2,806	-2.65	95.3	-	0.00
7	3,523	3,526	-4.80	95.3	-	0.00

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DECIBEL - Detailed results

Calculation: Vestas V162-6.2 MW STE 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]
8	4,228	4,231	-6.54	95.3	-	0.00
9	3,504	3,507	-4.75	95.3	-	0.00
Sum			7.81			

- Data undefined due to calculation with octave data

Noise sensitive area: 74440070072001 Zustreni 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]
1	2,295	2,301	-1.02	95.2	-	0.00
10	5,131	5,134	-8.65	95.2	-	0.00
13	3,953	3,956	-6.12	95.2	-	0.00
2	2,904	2,909	-3.20	95.2	-	0.00
3	1,720	1,728	1.61	95.2	-	0.00
4	2,244	2,250	-0.81	95.2	-	0.00
5	2,889	2,894	-3.15	95.2	-	0.00
6	1,797	1,804	1.22	95.2	-	0.00
7	2,710	2,715	-2.56	95.2	-	0.00
8	4,779	4,782	-7.96	95.2	-	0.00
9	4,549	4,552	-7.48	95.2	-	0.00
Sum			8.21			

- 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]
1	2,295	2,301	-0.80	95.3	-	0.00
10	5,131	5,134	-8.42	95.3	-	0.00
13	3,953	3,956	-5.90	95.3	-	0.00
2	2,904	2,909	-2.98	95.3	-	0.00
3	1,720	1,728	1.82	95.3	-	0.00
4	2,244	2,250	-0.60	95.3	-	0.00
5	2,889	2,894	-2.94	95.3	-	0.00
6	1,797	1,804	1.43	95.3	-	0.00
7	2,710	2,715	-2.34	95.3	-	0.00
8	4,779	4,782	-7.73	95.3	-	0.00
9	4,549	4,552	-7.25	95.3	-	0.00
Sum			8.43			

- Data undefined due to calculation with octave data

Noise sensitive area: 74440070083001 Rukmuli 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]
1	2,813	2,817	-2.90	95.2	-	0.00
10	4,673	4,675	-7.74	95.2	-	0.00
13	3,606	3,609	-5.24	95.2	-	0.00
2	2,972	2,976	-3.42	95.2	-	0.00
3	1,618	1,625	2.17	95.2	-	0.00
4	1,800	1,806	1.21	95.2	-	0.00
5	2,410	2,414	-1.46	95.2	-	0.00
6	2,429	2,434	-1.54	95.2	-	0.00
7	3,441	3,444	-4.80	95.2	-	0.00
8	4,717	4,720	-7.83	95.2	-	0.00
9	4,098	4,101	-6.47	95.2	-	0.00
Sum			8.16			

- Data undefined due to calculation with octave data

Project:

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DECIBEL - Detailed results

Calculation: Vestas V162-6.2 MW STE 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]
1	2,813	2,817	-2.68	95.3	-	0.00
10	4,673	4,675	-7.51	95.3	-	0.00
13	3,606	3,609	-5.02	95.3	-	0.00
2	2,972	2,976	-3.20	95.3	-	0.00
3	1,618	1,625	2.38	95.3	-	0.00
4	1,800	1,806	1.42	95.3	-	0.00
5	2,410	2,414	-1.25	95.3	-	0.00
6	2,429	2,434	-1.32	95.3	-	0.00
7	3,441	3,444	-4.58	95.3	-	0.00
8	4,717	4,720	-7.60	95.3	-	0.00
9	4,098	4,101	-6.24	95.3	-	0.00
Sum			8.37			

- Data undefined due to calculation with octave data

Noise sensitive area: 74440070085001 Plavinas 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]
1	2,274	2,280	-0.93	95.2	-	0.00
10	5,055	5,057	-8.51	95.2	-	0.00
13	3,937	3,940	-6.08	95.2	-	0.00
2	2,903	2,908	-3.20	95.2	-	0.00
3	2,183	2,189	-0.56	95.2	-	0.00
4	2,588	2,593	-2.13	95.2	-	0.00
5	3,073	3,078	-3.73	95.2	-	0.00
6	1,915	1,922	0.63	95.2	-	0.00
7	2,500	2,506	-1.81	95.2	-	0.00
8	4,601	4,604	-7.59	95.2	-	0.00
9	4,511	4,514	-7.40	95.2	-	0.00
Sum			7.61			

- 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]
1	2,274	2,280	-0.72	95.3	-	0.00
10	5,055	5,057	-8.28	95.3	-	0.00
13	3,937	3,940	-5.86	95.3	-	0.00
2	2,903	2,908	-2.98	95.3	-	0.00
3	2,183	2,189	-0.34	95.3	-	0.00
4	2,588	2,593	-1.91	95.3	-	0.00
5	3,073	3,078	-3.51	95.3	-	0.00
6	1,915	1,922	0.85	95.3	-	0.00
7	2,500	2,506	-1.59	95.3	-	0.00
8	4,601	4,604	-7.36	95.3	-	0.00
9	4,511	4,514	-7.17	95.3	-	0.00
Sum			7.82			

- Data undefined due to calculation with octave data

Noise sensitive area: 74440070090001 Graš ini 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]
1	2,300	2,305	-1.03	95.2	-	0.00
10	4,281	4,284	-6.89	95.2	-	0.00
13	3,175	3,179	-4.04	95.2	-	0.00
2	2,482	2,487	-1.74	95.2	-	0.00
3	1,112	1,123	5.50	95.2	-	0.00
4	1,295	1,304	4.16	95.2	-	0.00
5	1,946	1,952	0.50	95.2	-	0.00
6	1,917	1,923	0.63	95.2	-	0.00

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Project:

Vestas V162-6.2 MW

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DECIBEL - Detailed results

Calculation: Vestas V162-6.2 MW STE 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]
7	2,929	2,933	-3.28	95.2	-	0.00
8	4,278	4,281	-6.88	95.2	-	0.00
9	3,693	3,697	-5.47	95.2	-	0.00
Sum			10.59			

- 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]
1	2,300	2,305	-0.82	95.3	-	0.00
10	4,281	4,284	-6.66	95.3	-	0.00
13	3,175	3,179	-3.82	95.3	-	0.00
2	2,482	2,487	-1.52	95.3	-	0.00
3	1,112	1,123	5.71	95.3	-	0.00
4	1,295	1,304	4.37	95.3	-	0.00
5	1,946	1,952	0.71	95.3	-	0.00
6	1,917	1,923	0.85	95.3	-	0.00
7	2,929	2,933	-3.06	95.3	-	0.00
8	4,278	4,281	-6.66	95.3	-	0.00
9	3,693	3,697	-5.25	95.3	-	0.00
Sum			10.80			

- Data undefined due to calculation with octave data

Noise sensitive area: 74440070096001 Pienenes 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]
1	2,409	2,415	-1.47	95.2	-	0.00
10	5,198	5,201	-8.78	95.2	-	0.00
13	4,004	4,008	-6.24	95.2	-	0.00
2	2,977	2,982	-3.43	95.2	-	0.00
3	1,560	1,568	2.49	95.2	-	0.00
4	2,132	2,138	-0.34	95.2	-	0.00
5	2,852	2,856	-3.03	95.2	-	0.00
6	1,868	1,876	0.86	95.2	-	0.00
7	2,906	2,911	-3.21	95.2	-	0.00
8	4,909	4,912	-8.22	95.2	-	0.00
9	4,602	4,605	-7.59	95.2	-	0.00
Sum			8.30			

- 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]
1	2,409	2,415	-1.25	95.3	-	0.00
10	5,198	5,201	-8.55	95.3	-	0.00
13	4,004	4,008	-6.02	95.3	-	0.00
2	2,977	2,982	-3.22	95.3	-	0.00
3	1,560	1,568	2.70	95.3	-	0.00
4	2,132	2,138	-0.13	95.3	-	0.00
5	2,852	2,856	-2.81	95.3	-	0.00
6	1,868	1,876	1.07	95.3	-	0.00
7	2,906	2,911	-2.99	95.3	-	0.00
8	4,909	4,912	-7.99	95.3	-	0.00
9	4,602	4,605	-7.36	95.3	-	0.00
Sum			8.51			

- Data undefined due to calculation with octave data

Project:

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DECIBEL - Detailed results

Calculation: Vestas V162-6.2 MW STE Noise calculation model: Danish low frequency 2019

Noise sensitive area: 74440070121001 Klavas 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]
1	2,237	2,243	-0.78	95.2	-	0.00
10	4,988	4,991	-8.38	95.2	-	0.00
13	3,886	3,890	-5.96	95.2	-	0.00
2	2,862	2,867	-3.07	95.2	-	0.00
3	2,240	2,246	-0.80	95.2	-	0.00
4	2,616	2,621	-2.23	95.2	-	0.00
5	3,066	3,071	-3.71	95.2	-	0.00
6	1,912	1,919	0.65	95.2	-	0.00
7	2,424	2,430	-1.52	95.2	-	0.00
8	4,518	4,521	-7.41	95.2	-	0.00
9	4,454	4,457	-7.27	95.2	-	0.00
Sum			7.65			

- 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]
1	2,237	2,243	-0.57	95.3	-	0.00
10	4,988	4,991	-8.15	95.3	-	0.00
13	3,886	3,890	-5.74	95.3	-	0.00
2	2,862	2,867	-2.85	95.3	-	0.00
3	2,240	2,246	-0.58	95.3	-	0.00
4	2,616	2,621	-2.01	95.3	-	0.00
5	3,066	3,071	-3.49	95.3	-	0.00
6	1,912	1,919	0.86	95.3	-	0.00
7	2,424	2,430	-1.31	95.3	-	0.00
8	4,518	4,521	-7.19	95.3	-	0.00
9	4,454	4,457	-7.05	95.3	-	0.00
Sum			7.86			

- Data undefined due to calculation with octave data

Noise sensitive area: 74440070133001 Jaunstamuri 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]
1	1,572	1,581	2.42	95.2	-	0.00
10	4,410	4,413	-7.18	95.2	-	0.00
13	3,237	3,241	-4.22	95.2	-	0.00
2	2,186	2,193	-0.57	95.2	-	0.00
3	1,222	1,233	4.67	95.2	-	0.00
4	1,652	1,660	1.97	95.2	-	0.00
5	2,220	2,227	-0.72	95.2	-	0.00
6	1,090	1,103	5.67	95.2	-	0.00
7	1,995	2,002	0.27	95.2	-	0.00
8	4,055	4,058	-6.37	95.2	-	0.00
9	3,832	3,835	-5.82	95.2	-	0.00
Sum			11.39			

- 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]
1	1,572	1,581	2.63	95.3	-	0.00
10	4,410	4,413	-6.95	95.3	-	0.00
13	3,237	3,241	-4.00	95.3	-	0.00
2	2,186	2,193	-0.36	95.3	-	0.00
3	1,222	1,233	4.88	95.3	-	0.00
4	1,652	1,660	2.19	95.3	-	0.00
5	2,220	2,227	-0.50	95.3	-	0.00
6	1,090	1,103	5.88	95.3	-	0.00
7	1,995	2,002	0.48	95.3	-	0.00

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DECIBEL - Detailed results

Calculation: Vestas V162-6.2 MW STE 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]
8	4,055	4,058	-6.14	95.3	-	0.00
9	3,832	3,835	-5.60	95.3	-	0.00
Sum			11.61			

- Data undefined due to calculation with octave data

Noise sensitive area: 74440070164001 Porini 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]
1	2,112	2,118	-0.25	95.2	-	0.00
10	4,101	4,104	-6.47	95.2	-	0.00
13	2,987	2,991	-3.46	95.2	-	0.00
2	2,287	2,292	-0.98	95.2	-	0.00
3	957	969	6.82	95.2	-	0.00
4	1,101	1,112	5.59	95.2	-	0.00
5	1,753	1,760	1.44	95.2	-	0.00
6	1,744	1,751	1.49	95.2	-	0.00
7	2,740	2,744	-2.66	95.2	-	0.00
8	4,087	4,090	-6.44	95.2	-	0.00
9	3,511	3,514	-4.99	95.2	-	0.00
Sum			11.69			

- 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]
1	2,112	2,118	-0.04	95.3	-	0.00
10	4,101	4,104	-6.25	95.3	-	0.00
13	2,987	2,991	-3.25	95.3	-	0.00
2	2,287	2,292	-0.77	95.3	-	0.00
3	957	969	7.03	95.3	-	0.00
4	1,101	1,112	5.80	95.3	-	0.00
5	1,753	1,760	1.66	95.3	-	0.00
6	1,744	1,751	1.70	95.3	-	0.00
7	2,740	2,744	-2.44	95.3	-	0.00
8	4,087	4,090	-6.22	95.3	-	0.00
9	3,511	3,514	-4.77	95.3	-	0.00
Sum			11.90			

- Data undefined due to calculation with octave data

Noise sensitive area: 74440070177001 Zviedri 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]
1	2,286	2,292	-0.98	95.2	-	0.00
10	5,055	5,058	-8.51	95.2	-	0.00
13	3,944	3,947	-6.10	95.2	-	0.00
2	2,914	2,919	-3.23	95.2	-	0.00
3	2,229	2,235	-0.75	95.2	-	0.00
4	2,625	2,630	-2.26	95.2	-	0.00
5	3,098	3,102	-3.81	95.2	-	0.00
6	1,941	1,948	0.52	95.2	-	0.00
7	2,496	2,501	-1.79	95.2	-	0.00
8	4,594	4,597	-7.57	95.2	-	0.00
9	4,516	4,519	-7.40	95.2	-	0.00
Sum			7.52			

- Data undefined due to calculation with octave data

Project:

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DECIBEL - Detailed results

Calculation: Vestas V162-6.2 MW STE 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]
1	2,286	2,292	-0.77	95.3	-	0.00
10	5,055	5,058	-8.28	95.3	-	0.00
13	3,944	3,947	-5.88	95.3	-	0.00
2	2,914	2,919	-3.02	95.3	-	0.00
3	2,229	2,235	-0.54	95.3	-	0.00
4	2,625	2,630	-2.04	95.3	-	0.00
5	3,098	3,102	-3.59	95.3	-	0.00
6	1,941	1,948	0.73	95.3	-	0.00
7	2,496	2,501	-1.58	95.3	-	0.00
8	4,594	4,597	-7.35	95.3	-	0.00
9	4,516	4,519	-7.18	95.3	-	0.00
Sum			7.74			

- Data undefined due to calculation with octave data

Noise sensitive area: 74440070186001 Apseni 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]
1	1,482	1,491	2.95	95.2	-	0.00
10	4,276	4,280	-6.88	95.2	-	0.00
13	3,148	3,152	-3.96	95.2	-	0.00
2	2,111	2,118	-0.25	95.2	-	0.00
3	1,584	1,593	2.35	95.2	-	0.00
4	1,887	1,894	0.77	95.2	-	0.00
5	2,301	2,307	-1.04	95.2	-	0.00
6	1,150	1,162	5.20	95.2	-	0.00
7	1,744	1,752	1.48	95.2	-	0.00
8	3,848	3,851	-5.86	95.2	-	0.00
9	3,726	3,729	-5.55	95.2	-	0.00
Sum			10.96			

- 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]
1	1,482	1,491	3.16	95.3	-	0.00
10	4,276	4,280	-6.65	95.3	-	0.00
13	3,148	3,152	-3.74	95.3	-	0.00
2	2,111	2,118	-0.04	95.3	-	0.00
3	1,584	1,593	2.56	95.3	-	0.00
4	1,887	1,894	0.98	95.3	-	0.00
5	2,301	2,307	-0.83	95.3	-	0.00
6	1,150	1,162	5.41	95.3	-	0.00
7	1,744	1,752	1.69	95.3	-	0.00
8	3,848	3,851	-5.64	95.3	-	0.00
9	3,726	3,729	-5.33	95.3	-	0.00
Sum			11.17			

- Data undefined due to calculation with octave data

Noise sensitive area: 74440070188001 Strautmali 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]
1	1,263	1,274	4.37	95.2	-	0.00
10	4,052	4,055	-6.36	95.2	-	0.00
13	2,925	2,929	-3.27	95.2	-	0.00
2	1,891	1,899	0.75	95.2	-	0.00
3	1,492	1,501	2.89	95.2	-	0.00
4	1,736	1,744	1.52	95.2	-	0.00
5	2,103	2,109	-0.22	95.2	-	0.00
6	966	980	6.72	95.2	-	0.00

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Project:

Vestas V162-6.2 MW

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Calculation: Vestas V162-6.2 MW STE 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]
7	1,523	1,531	2.71	95.2	-	0.00
8	3,625	3,629	-5.29	95.2	-	0.00
9	3,502	3,506	-4.96	95.2	-	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]
1	1,263	1,274	4.58	95.3	-	0.00
10	4,052	4,055	-6.13	95.3	-	0.00
13	2,925	2,929	-3.05	95.3	-	0.00
2	1,891	1,899	0.96	95.3	-	0.00
3	1,492	1,501	3.10	95.3	-	0.00
4	1,736	1,744	1.74	95.3	-	0.00
5	2,103	2,109	0.00	95.3	-	0.00
6	966	980	6.93	95.3	-	0.00
7	1,523	1,531	2.92	95.3	-	0.00
8	3,625	3,629	-5.07	95.3	-	0.00
9	3,502	3,506	-4.74	95.3	-	0.00
Sum			12.29			

- Data undefined due to calculation with octave data

Noise sensitive area: 74440070195015 Kaspari 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]
1	844	860	7.89	95.2	-	0.00
10	3,494	3,498	-4.94	95.2	-	0.00
13	2,407	2,413	-1.46	95.2	-	0.00
2	1,421	1,431	3.32	95.2	-	0.00
3	1,616	1,625	2.17	95.2	-	0.00
4	1,649	1,657	1.99	95.2	-	0.00
5	1,782	1,790	1.29	95.2	-	0.00
6	844	859	7.89	95.2	-	0.00
7	933	947	7.03	95.2	-	0.00
8	3,036	3,040	-3.62	95.2	-	0.00
9	2,965	2,969	-3.40	95.2	-	0.00
Sum			14.15			

- 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]
1	844	860	8.10	95.3	-	0.00
10	3,494	3,498	-4.72	95.3	-	0.00
13	2,407	2,413	-1.24	95.3	-	0.00
2	1,421	1,431	3.53	95.3	-	0.00
3	1,616	1,625	2.38	95.3	-	0.00
4	1,649	1,657	2.20	95.3	-	0.00
5	1,782	1,790	1.50	95.3	-	0.00
6	844	859	8.10	95.3	-	0.00
7	933	947	7.24	95.3	-	0.00
8	3,036	3,040	-3.40	95.3	-	0.00
9	2,965	2,969	-3.18	95.3	-	0.00
Sum			14.36			

- Data undefined due to calculation with octave data

DECIBEL - Detailed results

Calculation: Vestas V162-6.2 MW STE Noise calculation model: Danish low frequency 2019

Noise sensitive area: 74440070206001 Jaunbirznieki 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]
1	1,950	1,957	0.47	95.2	-	0.00
10	4,770	4,773	-7.94	95.2	-	0.00
13	3,626	3,630	-5.30	95.2	-	0.00
2	2,581	2,586	-2.10	95.2	-	0.00
3	1,773	1,781	1.33	95.2	-	0.00
4	2,187	2,193	-0.58	95.2	-	0.00
5	2,703	2,708	-2.53	95.2	-	0.00
6	1,546	1,555	2.57	95.2	-	0.00
7	2,252	2,258	-0.84	95.2	-	0.00
8	4,354	4,357	-7.05	95.2	-	0.00
9	4,211	4,214	-6.73	95.2	-	0.00
Sum			9.04			

- 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]
1	1,950	1,957	0.68	95.3	-	0.00
10	4,770	4,773	-7.71	95.3	-	0.00
13	3,626	3,630	-5.08	95.3	-	0.00
2	2,581	2,586	-1.89	95.3	-	0.00
3	1,773	1,781	1.55	95.3	-	0.00
4	2,187	2,193	-0.36	95.3	-	0.00
5	2,703	2,708	-2.31	95.3	-	0.00
6	1,546	1,555	2.78	95.3	-	0.00
7	2,252	2,258	-0.63	95.3	-	0.00
8	4,354	4,357	-6.83	95.3	-	0.00
9	4,211	4,214	-6.51	95.3	-	0.00
Sum			9.26			

- Data undefined due to calculation with octave data

Noise sensitive area: 74440070252001 Jaunvilni 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]
1	1,833	1,840	1.04	95.2	-	0.00
10	4,560	4,563	-7.50	95.2	-	0.00
13	3,466	3,470	-4.87	95.2	-	0.00
2	2,452	2,458	-1.63	95.2	-	0.00
3	2,003	2,010	0.23	95.2	-	0.00
4	2,310	2,316	-1.08	95.2	-	0.00
5	2,695	2,700	-2.50	95.2	-	0.00
6	1,558	1,566	2.50	95.2	-	0.00
7	1,994	2,001	0.27	95.2	-	0.00
8	4,087	4,090	-6.44	95.2	-	0.00
9	4,029	4,033	-6.30	95.2	-	0.00
Sum			9.12			

- 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]
1	1,833	1,840	1.25	95.3	-	0.00
10	4,560	4,563	-7.27	95.3	-	0.00
13	3,466	3,470	-4.65	95.3	-	0.00
2	2,452	2,458	-1.41	95.3	-	0.00
3	2,003	2,010	0.44	95.3	-	0.00
4	2,310	2,316	-0.87	95.3	-	0.00
5	2,695	2,700	-2.29	95.3	-	0.00
6	1,558	1,566	2.71	95.3	-	0.00
7	1,994	2,001	0.48	95.3	-	0.00

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Project:

Vestas V162-6.2 MW

Licensed user:

SIA Estonian, Latvian & Lithuanian environment

Vilandes 3-6

LV-1010 Riga

0037167242411

Kristiana / kristiana@environment.lv

Calculated:

04/04/2025 5:23 pm/4.0.547

DECIBEL - Detailed results

Calculation: Vestas V162-6.2 MW STE 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]
8	4,087	4,090	-6.22	95.3	-	0.00
9	4,029	4,033	-6.08	95.3	-	0.00
Sum			9.33			

- Data undefined due to calculation with octave data

Noise sensitive area: 74440070333001 Priež lejas 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]
1	2,654	2,659	-2.36	95.2	-	0.00
10	4,427	4,430	-7.21	95.2	-	0.00
13	3,373	3,376	-4.61	95.2	-	0.00
2	2,774	2,778	-2.77	95.2	-	0.00
3	1,517	1,525	2.75	95.2	-	0.00
4	1,626	1,633	2.12	95.2	-	0.00
5	2,194	2,199	-0.60	95.2	-	0.00
6	2,305	2,310	-1.06	95.2	-	0.00
7	3,275	3,279	-4.33	95.2	-	0.00
8	4,486	4,488	-7.34	95.2	-	0.00
9	3,856	3,859	-5.88	95.2	-	0.00
Sum			8.82			

- 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]
1	2,654	2,659	-2.14	95.3	-	0.00
10	4,427	4,430	-6.99	95.3	-	0.00
13	3,373	3,376	-4.39	95.3	-	0.00
2	2,774	2,778	-2.56	95.3	-	0.00
3	1,517	1,525	2.96	95.3	-	0.00
4	1,626	1,633	2.34	95.3	-	0.00
5	2,194	2,199	-0.39	95.3	-	0.00
6	2,305	2,310	-0.84	95.3	-	0.00
7	3,275	3,279	-4.11	95.3	-	0.00
8	4,486	4,488	-7.11	95.3	-	0.00
9	3,856	3,859	-5.66	95.3	-	0.00
Sum			9.04			

- Data undefined due to calculation with octave data