

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 5:19 pm/4.0.547

DECIBEL - Detailed results

Calculation: Vestas V162-6.2 MW ST 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	-5.97	97.1	-	0.00
10	1,729	1,736	2.91	97.1	-	0.00
13	2,893	2,898	-1.85	97.1	-	0.00
2	3,871	3,874	-4.63	97.1	-	0.00
3	5,478	5,480	-8.06	97.1	-	0.00
4	4,931	4,933	-7.01	97.1	-	0.00
5	4,152	4,156	-5.32	97.1	-	0.00
6	4,975	4,977	-7.09	97.1	-	0.00
7	4,047	4,050	-5.07	97.1	-	0.00
8	1,948	1,955	1.83	97.1	-	0.00
9	2,326	2,331	0.19	97.1	-	0.00
Sum			8.41			

- 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]
1	4,441	4,443	-5.59	97.4	-	0.00
10	1,729	1,736	3.28	97.4	-	0.00
13	2,893	2,898	-1.48	97.4	-	0.00
2	3,871	3,874	-4.25	97.4	-	0.00
3	5,478	5,480	-7.66	97.4	-	0.00
4	4,931	4,933	-6.62	97.4	-	0.00
5	4,152	4,156	-4.93	97.4	-	0.00
6	4,975	4,977	-6.70	97.4	-	0.00
7	4,047	4,050	-4.68	97.4	-	0.00
8	1,948	1,955	2.19	97.4	-	0.00
9	2,326	2,331	0.56	97.4	-	0.00
Sum			8.78			

- 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	3.67	97.1	-	0.00
10	4,429	4,432	-5.95	97.1	-	0.00
13	3,261	3,265	-2.99	97.1	-	0.00
2	2,210	2,216	0.66	97.1	-	0.00
3	1,301	1,312	5.47	97.1	-	0.00
4	1,718	1,726	2.97	97.1	-	0.00
5	2,267	2,273	0.43	97.1	-	0.00
6	1,126	1,138	6.75	97.1	-	0.00
7	1,988	1,995	1.64	97.1	-	0.00
8	4,060	4,064	-5.10	97.1	-	0.00
9	3,854	3,858	-4.59	97.1	-	0.00
Sum			12.48			

- 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	1,589	1,598	4.04	97.4	-	0.00
10	4,429	4,432	-5.56	97.4	-	0.00
13	3,261	3,265	-2.61	97.4	-	0.00

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DECIBEL - Detailed results

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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	1.03	97.4	-	0.00
3	1,301	1,312	5.83	97.4	-	0.00
4	1,718	1,726	3.34	97.4	-	0.00
5	2,267	2,273	0.80	97.4	-	0.00
6	1,126	1,138	7.11	97.4	-	0.00
7	1,988	1,995	2.01	97.4	-	0.00
8	4,060	4,064	-4.71	97.4	-	0.00
9	3,854	3,858	-4.21	97.4	-	0.00
Sum			12.85			

- 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	0.50	97.1	-	0.00
10	4,200	4,203	-5.43	97.1	-	0.00
13	3,098	3,102	-2.50	97.1	-	0.00
2	2,417	2,422	-0.16	97.1	-	0.00
3	1,088	1,099	7.06	97.1	-	0.00
4	1,236	1,246	5.93	97.1	-	0.00
5	1,873	1,879	2.19	97.1	-	0.00
6	1,881	1,888	2.15	97.1	-	0.00
7	2,877	2,881	-1.80	97.1	-	0.00
8	4,202	4,205	-5.43	97.1	-	0.00
9	3,613	3,617	-3.97	97.1	-	0.00
Sum			12.20			

- 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]
1	2,250	2,255	0.87	97.4	-	0.00
10	4,200	4,203	-5.04	97.4	-	0.00
13	3,098	3,102	-2.12	97.4	-	0.00
2	2,417	2,422	0.21	97.4	-	0.00
3	1,088	1,099	7.42	97.4	-	0.00
4	1,236	1,246	6.30	97.4	-	0.00
5	1,873	1,879	2.56	97.4	-	0.00
6	1,881	1,888	2.51	97.4	-	0.00
7	2,877	2,881	-1.42	97.4	-	0.00
8	4,202	4,205	-5.05	97.4	-	0.00
9	3,613	3,617	-3.59	97.4	-	0.00
Sum			12.56			

- 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	-3.36	97.1	-	0.00
10	879	894	8.91	97.1	-	0.00
13	1,907	1,914	2.02	97.1	-	0.00
2	2,836	2,840	-1.66	97.1	-	0.00
3	4,468	4,470	-6.03	97.1	-	0.00
4	3,937	3,940	-4.80	97.1	-	0.00
5	3,169	3,173	-2.71	97.1	-	0.00
6	3,930	3,933	-4.78	97.1	-	0.00
7	2,987	2,992	-2.15	97.1	-	0.00
8	891	906	8.80	97.1	-	0.00
9	1,395	1,404	4.85	97.1	-	0.00
Sum			13.66			

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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	-2.98	97.4	-	0.00
10	879	894	9.28	97.4	-	0.00
13	1,907	1,914	2.39	97.4	-	0.00
2	2,836	2,840	-1.29	97.4	-	0.00
3	4,468	4,470	-5.65	97.4	-	0.00
4	3,937	3,940	-4.41	97.4	-	0.00
5	3,169	3,173	-2.34	97.4	-	0.00
6	3,930	3,933	-4.40	97.4	-	0.00
7	2,987	2,992	-1.78	97.4	-	0.00
8	891	906	9.16	97.4	-	0.00
9	1,395	1,404	5.22	97.4	-	0.00
Sum			14.02			

- 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	-2.55	97.1	-	0.00
10	5,236	5,238	-7.60	97.1	-	0.00
13	4,125	4,128	-5.25	97.1	-	0.00
2	3,383	3,387	-3.34	97.1	-	0.00
3	1,830	1,837	2.40	97.1	-	0.00
4	2,180	2,186	0.79	97.1	-	0.00
5	2,883	2,888	-1.82	97.1	-	0.00
6	2,651	2,656	-1.03	97.1	-	0.00
7	3,749	3,752	-4.32	97.1	-	0.00
8	5,223	5,225	-7.58	97.1	-	0.00
9	4,648	4,651	-6.42	97.1	-	0.00
Sum			8.23			

- 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]
1	3,114	3,118	-2.17	97.4	-	0.00
10	5,236	5,238	-7.21	97.4	-	0.00
13	4,125	4,128	-4.87	97.4	-	0.00
2	3,383	3,387	-2.96	97.4	-	0.00
3	1,830	1,837	2.76	97.4	-	0.00
4	2,180	2,186	1.16	97.4	-	0.00
5	2,883	2,888	-1.44	97.4	-	0.00
6	2,651	2,656	-0.66	97.4	-	0.00
7	3,749	3,752	-3.94	97.4	-	0.00
8	5,223	5,225	-7.19	97.4	-	0.00
9	4,648	4,651	-6.03	97.4	-	0.00
Sum			8.60			

- 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	-2.16	97.1	-	0.00
10	4,961	4,963	-7.07	97.1	-	0.00
13	3,877	3,880	-4.65	97.1	-	0.00
2	3,197	3,201	-2.80	97.1	-	0.00
3	1,742	1,750	2.84	97.1	-	0.00
4	2,004	2,011	1.56	97.1	-	0.00
5	2,659	2,664	-1.06	97.1	-	0.00
6	2,567	2,572	-0.73	97.1	-	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	-3.99	97.1	-	0.00
8	4,984	4,987	-7.11	97.1	-	0.00
9	4,381	4,384	-5.84	97.1	-	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]
1	2,989	2,993	-1.78	97.4	-	0.00
10	4,961	4,963	-6.68	97.4	-	0.00
13	3,877	3,880	-4.27	97.4	-	0.00
2	3,197	3,201	-2.42	97.4	-	0.00
3	1,742	1,750	3.21	97.4	-	0.00
4	2,004	2,011	1.93	97.4	-	0.00
5	2,659	2,664	-0.68	97.4	-	0.00
6	2,567	2,572	-0.36	97.4	-	0.00
7	3,623	3,626	-3.61	97.4	-	0.00
8	4,984	4,987	-6.72	97.4	-	0.00
9	4,381	4,384	-5.45	97.4	-	0.00
Sum			9.13			

- 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	-0.74	97.1	-	0.00
10	3,572	3,575	-3.86	97.1	-	0.00
13	2,679	2,683	-1.13	97.1	-	0.00
2	2,422	2,427	-0.18	97.1	-	0.00
3	1,906	1,912	2.03	97.1	-	0.00
4	1,631	1,638	3.45	97.1	-	0.00
5	1,775	1,782	2.68	97.1	-	0.00
6	2,446	2,451	-0.28	97.1	-	0.00
7	3,092	3,096	-2.48	97.1	-	0.00
8	3,770	3,773	-4.38	97.1	-	0.00
9	3,054	3,058	-2.36	97.1	-	0.00
Sum			10.45			

- 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	-0.36	97.4	-	0.00
10	3,572	3,575	-3.48	97.4	-	0.00
13	2,679	2,683	-0.75	97.4	-	0.00
2	2,422	2,427	0.19	97.4	-	0.00
3	1,906	1,912	2.40	97.4	-	0.00
4	1,631	1,638	3.82	97.4	-	0.00
5	1,775	1,782	3.05	97.4	-	0.00
6	2,446	2,451	0.10	97.4	-	0.00
7	3,092	3,096	-2.10	97.4	-	0.00
8	3,770	3,773	-4.00	97.4	-	0.00
9	3,054	3,058	-1.98	97.4	-	0.00
Sum			10.82			

- Data undefined due to calculation with octave data

DECIBEL - Detailed results

Calculation: Vestas V162-6.2 MW ST 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	-1.99	97.1	-	0.00
10	2,303	2,309	0.28	97.1	-	0.00
13	1,955	1,962	1.79	97.1	-	0.00
2	2,437	2,442	-0.24	97.1	-	0.00
3	3,020	3,024	-2.25	97.1	-	0.00
4	2,489	2,494	-0.44	97.1	-	0.00
5	2,004	2,011	1.56	97.1	-	0.00
6	3,137	3,141	-2.62	97.1	-	0.00
7	3,169	3,173	-2.71	97.1	-	0.00
8	2,766	2,770	-1.43	97.1	-	0.00
9	1,987	1,993	1.65	97.1	-	0.00
Sum			10.15			

- 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	2,935	2,939	-1.61	97.4	-	0.00
10	2,303	2,309	0.65	97.4	-	0.00
13	1,955	1,962	2.16	97.4	-	0.00
2	2,437	2,442	0.13	97.4	-	0.00
3	3,020	3,024	-1.88	97.4	-	0.00
4	2,489	2,494	-0.07	97.4	-	0.00
5	2,004	2,011	1.93	97.4	-	0.00
6	3,137	3,141	-2.24	97.4	-	0.00
7	3,169	3,173	-2.34	97.4	-	0.00
8	2,766	2,770	-1.05	97.4	-	0.00
9	1,987	1,993	2.02	97.4	-	0.00
Sum			10.52			

- 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	-0.78	97.1	-	0.00
10	4,106	4,109	-5.21	97.1	-	0.00
13	3,099	3,103	-2.50	97.1	-	0.00
2	2,609	2,613	-0.88	97.1	-	0.00
3	1,597	1,603	3.64	97.1	-	0.00
4	1,551	1,558	3.91	97.1	-	0.00
5	1,991	1,996	1.63	97.1	-	0.00
6	2,311	2,316	0.25	97.1	-	0.00
7	3,179	3,182	-2.74	97.1	-	0.00
8	4,213	4,215	-5.45	97.1	-	0.00
9	3,550	3,553	-3.80	97.1	-	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]
1	2,583	2,587	-0.41	97.4	-	0.00
10	4,106	4,109	-4.82	97.4	-	0.00
13	3,099	3,103	-2.12	97.4	-	0.00
2	2,609	2,613	-0.50	97.4	-	0.00
3	1,597	1,603	4.01	97.4	-	0.00
4	1,551	1,558	4.27	97.4	-	0.00
5	1,991	1,996	2.00	97.4	-	0.00
6	2,311	2,316	0.62	97.4	-	0.00
7	3,179	3,182	-2.36	97.4	-	0.00

To be continued on next page...

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DECIBEL - Detailed results

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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	-5.07	97.4	-	0.00
9	3,550	3,553	-3.42	97.4	-	0.00
Sum			10.80			

- 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	-2.17	97.1	-	0.00
10	4,604	4,606	-6.33	97.1	-	0.00
13	3,597	3,601	-3.93	97.1	-	0.00
2	3,073	3,076	-2.42	97.1	-	0.00
3	1,888	1,894	2.12	97.1	-	0.00
4	1,960	1,965	1.77	97.1	-	0.00
5	2,468	2,473	-0.36	97.1	-	0.00
6	2,666	2,670	-1.08	97.1	-	0.00
7	3,607	3,610	-3.95	97.1	-	0.00
8	4,711	4,714	-6.55	97.1	-	0.00
9	4,050	4,053	-5.07	97.1	-	0.00
Sum			8.80			

- 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]
1	2,994	2,998	-1.80	97.4	-	0.00
10	4,604	4,606	-5.94	97.4	-	0.00
13	3,597	3,601	-3.55	97.4	-	0.00
2	3,073	3,076	-2.04	97.4	-	0.00
3	1,888	1,894	2.48	97.4	-	0.00
4	1,960	1,965	2.14	97.4	-	0.00
5	2,468	2,473	0.01	97.4	-	0.00
6	2,666	2,670	-0.71	97.4	-	0.00
7	3,607	3,610	-3.57	97.4	-	0.00
8	4,711	4,714	-6.17	97.4	-	0.00
9	4,050	4,053	-4.69	97.4	-	0.00
Sum			9.17			

- 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	-1.83	97.1	-	0.00
10	2,449	2,454	-0.29	97.1	-	0.00
13	2,018	2,024	1.50	97.1	-	0.00
2	2,417	2,422	-0.17	97.1	-	0.00
3	2,896	2,900	-1.86	97.1	-	0.00
4	2,380	2,385	-0.02	97.1	-	0.00
5	1,944	1,951	1.84	97.1	-	0.00
6	3,056	3,060	-2.37	97.1	-	0.00
7	3,156	3,160	-2.67	97.1	-	0.00
8	2,881	2,885	-1.81	97.1	-	0.00
9	2,100	2,105	1.14	97.1	-	0.00
Sum			10.10			

- 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	-1.45	97.4	-	0.00
10	2,449	2,454	0.09	97.4	-	0.00
13	2,018	2,024	1.87	97.4	-	0.00
2	2,417	2,422	0.21	97.4	-	0.00
3	2,896	2,900	-1.48	97.4	-	0.00
4	2,380	2,385	0.35	97.4	-	0.00
5	1,944	1,951	2.21	97.4	-	0.00
6	3,056	3,060	-1.99	97.4	-	0.00
7	3,156	3,160	-2.30	97.4	-	0.00
8	2,881	2,885	-1.44	97.4	-	0.00
9	2,100	2,105	1.51	97.4	-	0.00
Sum			10.47			

- 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	-1.39	97.1	-	0.00
10	4,591	4,594	-6.30	97.1	-	0.00
13	3,528	3,531	-3.74	97.1	-	0.00
2	2,904	2,908	-1.88	97.1	-	0.00
3	1,577	1,584	3.75	97.1	-	0.00
4	1,737	1,744	2.87	97.1	-	0.00
5	2,336	2,341	0.15	97.1	-	0.00
6	2,383	2,387	-0.03	97.1	-	0.00
7	3,382	3,386	-3.33	97.1	-	0.00
8	4,639	4,642	-6.40	97.1	-	0.00
9	4,017	4,020	-4.99	97.1	-	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]
1	2,756	2,760	-1.02	97.4	-	0.00
10	4,591	4,594	-5.91	97.4	-	0.00
13	3,528	3,531	-3.36	97.4	-	0.00
2	2,904	2,908	-1.51	97.4	-	0.00
3	1,577	1,584	4.12	97.4	-	0.00
4	1,737	1,744	3.24	97.4	-	0.00
5	2,336	2,341	0.52	97.4	-	0.00
6	2,383	2,387	0.34	97.4	-	0.00
7	3,382	3,386	-2.95	97.4	-	0.00
8	4,639	4,642	-6.02	97.4	-	0.00
9	4,017	4,020	-4.61	97.4	-	0.00
Sum			10.09			

- 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	-0.75	97.1	-	0.00
10	3,718	3,721	-4.24	97.1	-	0.00
13	2,792	2,796	-1.51	97.1	-	0.00
2	2,470	2,474	-0.37	97.1	-	0.00
3	1,820	1,826	2.45	97.1	-	0.00
4	1,598	1,604	3.64	97.1	-	0.00
5	1,825	1,831	2.43	97.1	-	0.00
6	2,409	2,414	-0.13	97.1	-	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	-2.56	97.1	-	0.00
8	3,892	3,895	-4.69	97.1	-	0.00
9	3,189	3,192	-2.77	97.1	-	0.00
Sum			10.44			

- 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	2,573	2,577	-0.37	97.4	-	0.00
10	3,718	3,721	-3.86	97.4	-	0.00
13	2,792	2,796	-1.14	97.4	-	0.00
2	2,470	2,474	0.01	97.4	-	0.00
3	1,820	1,826	2.82	97.4	-	0.00
4	1,598	1,604	4.01	97.4	-	0.00
5	1,825	1,831	2.80	97.4	-	0.00
6	2,409	2,414	0.24	97.4	-	0.00
7	3,118	3,121	-2.18	97.4	-	0.00
8	3,892	3,895	-4.30	97.4	-	0.00
9	3,189	3,192	-2.39	97.4	-	0.00
Sum			10.81			

- 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	2.57	97.1	-	0.00
10	4,612	4,615	-6.34	97.1	-	0.00
13	3,470	3,474	-3.58	97.1	-	0.00
2	2,426	2,432	-0.20	97.1	-	0.00
3	1,681	1,689	3.17	97.1	-	0.00
4	2,069	2,075	1.27	97.1	-	0.00
5	2,562	2,567	-0.71	97.1	-	0.00
6	1,404	1,413	4.79	97.1	-	0.00
7	2,093	2,100	1.16	97.1	-	0.00
8	4,195	4,198	-5.42	97.1	-	0.00
9	4,054	4,057	-5.08	97.1	-	0.00
Sum			11.01			

- 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	2.94	97.4	-	0.00
10	4,612	4,615	-5.96	97.4	-	0.00
13	3,470	3,474	-3.20	97.4	-	0.00
2	2,426	2,432	0.17	97.4	-	0.00
3	1,681	1,689	3.53	97.4	-	0.00
4	2,069	2,075	1.64	97.4	-	0.00
5	2,562	2,567	-0.34	97.4	-	0.00
6	1,404	1,413	5.16	97.4	-	0.00
7	2,093	2,100	1.53	97.4	-	0.00
8	4,195	4,198	-5.03	97.4	-	0.00
9	4,054	4,057	-4.70	97.4	-	0.00
Sum			11.38			

- Data undefined due to calculation with octave data

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Calculation: Vestas V162-6.2 MW ST 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	-1.45	97.1	-	0.00
10	3,691	3,693	-4.17	97.1	-	0.00
13	2,836	2,840	-1.66	97.1	-	0.00
2	2,617	2,621	-0.90	97.1	-	0.00
3	2,092	2,097	1.18	97.1	-	0.00
4	1,832	1,838	2.39	97.1	-	0.00
5	1,970	1,976	1.73	97.1	-	0.00
6	2,648	2,651	-1.01	97.1	-	0.00
7	3,293	3,296	-3.08	97.1	-	0.00
8	3,917	3,920	-4.75	97.1	-	0.00
9	3,188	3,191	-2.77	97.1	-	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	2,773	2,777	-1.08	97.4	-	0.00
10	3,691	3,693	-3.79	97.4	-	0.00
13	2,836	2,840	-1.29	97.4	-	0.00
2	2,617	2,621	-0.53	97.4	-	0.00
3	2,092	2,097	1.54	97.4	-	0.00
4	1,832	1,838	2.76	97.4	-	0.00
5	1,970	1,976	2.10	97.4	-	0.00
6	2,648	2,651	-0.64	97.4	-	0.00
7	3,293	3,296	-2.70	97.4	-	0.00
8	3,917	3,920	-4.36	97.4	-	0.00
9	3,188	3,191	-2.39	97.4	-	0.00
Sum			10.05			

- 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	-2.12	97.1	-	0.00
10	4,010	4,012	-4.97	97.1	-	0.00
13	3,142	3,145	-2.63	97.1	-	0.00
2	2,870	2,874	-1.77	97.1	-	0.00
3	2,176	2,181	0.81	97.1	-	0.00
4	1,994	2,000	1.61	97.1	-	0.00
5	2,223	2,228	0.61	97.1	-	0.00
6	2,802	2,806	-1.55	97.1	-	0.00
7	3,523	3,526	-3.72	97.1	-	0.00
8	4,228	4,231	-5.49	97.1	-	0.00
9	3,504	3,507	-3.67	97.1	-	0.00
Sum			8.91			

- 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	2,978	2,981	-1.75	97.4	-	0.00
10	4,010	4,012	-4.59	97.4	-	0.00
13	3,142	3,145	-2.25	97.4	-	0.00
2	2,870	2,874	-1.40	97.4	-	0.00
3	2,176	2,181	1.18	97.4	-	0.00
4	1,994	2,000	1.98	97.4	-	0.00
5	2,223	2,228	0.98	97.4	-	0.00
6	2,802	2,806	-1.17	97.4	-	0.00
7	3,523	3,526	-3.34	97.4	-	0.00

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Calculation: Vestas V162-6.2 MW ST 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	4,228	4,231	-5.11	97.4	-	0.00
9	3,504	3,507	-3.29	97.4	-	0.00
Sum			9.29			

- 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	0.31	97.1	-	0.00
10	5,131	5,134	-7.40	97.1	-	0.00
13	3,953	3,956	-4.84	97.1	-	0.00
2	2,904	2,909	-1.89	97.1	-	0.00
3	1,720	1,728	2.96	97.1	-	0.00
4	2,244	2,250	0.52	97.1	-	0.00
5	2,889	2,894	-1.84	97.1	-	0.00
6	1,797	1,804	2.56	97.1	-	0.00
7	2,710	2,715	-1.23	97.1	-	0.00
8	4,779	4,782	-6.70	97.1	-	0.00
9	4,549	4,552	-6.21	97.1	-	0.00
Sum			9.54			

- 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]
1	2,295	2,301	0.69	97.4	-	0.00
10	5,131	5,134	-7.01	97.4	-	0.00
13	3,953	3,956	-4.45	97.4	-	0.00
2	2,904	2,909	-1.51	97.4	-	0.00
3	1,720	1,728	3.33	97.4	-	0.00
4	2,244	2,250	0.89	97.4	-	0.00
5	2,889	2,894	-1.46	97.4	-	0.00
6	1,797	1,804	2.93	97.4	-	0.00
7	2,710	2,715	-0.86	97.4	-	0.00
8	4,779	4,782	-6.31	97.4	-	0.00
9	4,549	4,552	-5.82	97.4	-	0.00
Sum			9.92			

- 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	-1.58	97.1	-	0.00
10	4,673	4,675	-6.47	97.1	-	0.00
13	3,606	3,609	-3.95	97.1	-	0.00
2	2,972	2,976	-2.10	97.1	-	0.00
3	1,618	1,625	3.52	97.1	-	0.00
4	1,800	1,806	2.55	97.1	-	0.00
5	2,410	2,414	-0.14	97.1	-	0.00
6	2,429	2,434	-0.21	97.1	-	0.00
7	3,441	3,444	-3.50	97.1	-	0.00
8	4,717	4,720	-6.57	97.1	-	0.00
9	4,098	4,101	-5.19	97.1	-	0.00
Sum			9.48			

- Data undefined due to calculation with octave data

Project:

Vestas V162-6.2 MW

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Calculation: Vestas V162-6.2 MW ST 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	-1.21	97.4	-	0.00
10	4,673	4,675	-6.09	97.4	-	0.00
13	3,606	3,609	-3.57	97.4	-	0.00
2	2,972	2,976	-1.73	97.4	-	0.00
3	1,618	1,625	3.89	97.4	-	0.00
4	1,800	1,806	2.92	97.4	-	0.00
5	2,410	2,414	0.24	97.4	-	0.00
6	2,429	2,434	0.16	97.4	-	0.00
7	3,441	3,444	-3.12	97.4	-	0.00
8	4,717	4,720	-6.18	97.4	-	0.00
9	4,098	4,101	-4.80	97.4	-	0.00
Sum			9.86			

- 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	0.40	97.1	-	0.00
10	5,055	5,057	-7.25	97.1	-	0.00
13	3,937	3,940	-4.80	97.1	-	0.00
2	2,903	2,908	-1.88	97.1	-	0.00
3	2,183	2,189	0.78	97.1	-	0.00
4	2,588	2,593	-0.80	97.1	-	0.00
5	3,073	3,078	-2.42	97.1	-	0.00
6	1,915	1,922	1.98	97.1	-	0.00
7	2,500	2,506	-0.48	97.1	-	0.00
8	4,601	4,604	-6.32	97.1	-	0.00
9	4,511	4,514	-6.13	97.1	-	0.00
Sum			8.93			

- 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	0.77	97.4	-	0.00
10	5,055	5,057	-6.86	97.4	-	0.00
13	3,937	3,940	-4.42	97.4	-	0.00
2	2,903	2,908	-1.51	97.4	-	0.00
3	2,183	2,189	1.15	97.4	-	0.00
4	2,588	2,593	-0.43	97.4	-	0.00
5	3,073	3,078	-2.05	97.4	-	0.00
6	1,915	1,922	2.35	97.4	-	0.00
7	2,500	2,506	-0.11	97.4	-	0.00
8	4,601	4,604	-5.93	97.4	-	0.00
9	4,511	4,514	-5.74	97.4	-	0.00
Sum			9.30			

- 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	0.30	97.1	-	0.00
10	4,281	4,284	-5.61	97.1	-	0.00
13	3,175	3,179	-2.73	97.1	-	0.00
2	2,482	2,487	-0.41	97.1	-	0.00
3	1,112	1,123	6.87	97.1	-	0.00
4	1,295	1,304	5.52	97.1	-	0.00
5	1,946	1,952	1.84	97.1	-	0.00
6	1,917	1,923	1.98	97.1	-	0.00

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Project:

Vestas V162-6.2 MW

Licensed user:

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Calculated:

04/04/2025 5:19 pm/4.0.547

DECIBEL - Detailed results

Calculation: Vestas V162-6.2 MW ST 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	-1.97	97.1	-	0.00
8	4,278	4,281	-5.61	97.1	-	0.00
9	3,693	3,697	-4.18	97.1	-	0.00
Sum			11.94			

- 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	0.67	97.4	-	0.00
10	4,281	4,284	-5.23	97.4	-	0.00
13	3,175	3,179	-2.35	97.4	-	0.00
2	2,482	2,487	-0.04	97.4	-	0.00
3	1,112	1,123	7.23	97.4	-	0.00
4	1,295	1,304	5.89	97.4	-	0.00
5	1,946	1,952	2.21	97.4	-	0.00
6	1,917	1,923	2.34	97.4	-	0.00
7	2,929	2,933	-1.59	97.4	-	0.00
8	4,278	4,281	-5.22	97.4	-	0.00
9	3,693	3,697	-3.80	97.4	-	0.00
Sum			12.30			

- 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	-0.14	97.1	-	0.00
10	5,198	5,201	-7.53	97.1	-	0.00
13	4,004	4,008	-4.96	97.1	-	0.00
2	2,977	2,982	-2.12	97.1	-	0.00
3	1,560	1,568	3.84	97.1	-	0.00
4	2,132	2,138	1.00	97.1	-	0.00
5	2,852	2,856	-1.72	97.1	-	0.00
6	1,868	1,876	2.20	97.1	-	0.00
7	2,906	2,911	-1.89	97.1	-	0.00
8	4,909	4,912	-6.96	97.1	-	0.00
9	4,602	4,605	-6.32	97.1	-	0.00
Sum			9.63			

- 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]
1	2,409	2,415	0.23	97.4	-	0.00
10	5,198	5,201	-7.14	97.4	-	0.00
13	4,004	4,008	-4.58	97.4	-	0.00
2	2,977	2,982	-1.75	97.4	-	0.00
3	1,560	1,568	4.21	97.4	-	0.00
4	2,132	2,138	1.37	97.4	-	0.00
5	2,852	2,856	-1.34	97.4	-	0.00
6	1,868	1,876	2.57	97.4	-	0.00
7	2,906	2,911	-1.52	97.4	-	0.00
8	4,909	4,912	-6.57	97.4	-	0.00
9	4,602	4,605	-5.94	97.4	-	0.00
Sum			10.00			

- Data undefined due to calculation with octave data

DECIBEL - Detailed results

Calculation: Vestas V162-6.2 MW ST 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	0.55	97.1	-	0.00
10	4,988	4,991	-7.12	97.1	-	0.00
13	3,886	3,890	-4.67	97.1	-	0.00
2	2,862	2,867	-1.75	97.1	-	0.00
3	2,240	2,246	0.54	97.1	-	0.00
4	2,616	2,621	-0.91	97.1	-	0.00
5	3,066	3,071	-2.40	97.1	-	0.00
6	1,912	1,919	1.99	97.1	-	0.00
7	2,424	2,430	-0.20	97.1	-	0.00
8	4,518	4,521	-6.14	97.1	-	0.00
9	4,454	4,457	-6.00	97.1	-	0.00
Sum			8.97			

- 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]
1	2,237	2,243	0.92	97.4	-	0.00
10	4,988	4,991	-6.73	97.4	-	0.00
13	3,886	3,890	-4.29	97.4	-	0.00
2	2,862	2,867	-1.38	97.4	-	0.00
3	2,240	2,246	0.91	97.4	-	0.00
4	2,616	2,621	-0.53	97.4	-	0.00
5	3,066	3,071	-2.02	97.4	-	0.00
6	1,912	1,919	2.36	97.4	-	0.00
7	2,424	2,430	0.18	97.4	-	0.00
8	4,518	4,521	-5.76	97.4	-	0.00
9	4,454	4,457	-5.62	97.4	-	0.00
Sum			9.34			

- 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	3.77	97.1	-	0.00
10	4,410	4,413	-5.90	97.1	-	0.00
13	3,237	3,241	-2.92	97.1	-	0.00
2	2,186	2,193	0.76	97.1	-	0.00
3	1,222	1,233	6.03	97.1	-	0.00
4	1,652	1,660	3.32	97.1	-	0.00
5	2,220	2,227	0.62	97.1	-	0.00
6	1,090	1,103	7.03	97.1	-	0.00
7	1,995	2,002	1.61	97.1	-	0.00
8	4,055	4,058	-5.08	97.1	-	0.00
9	3,832	3,835	-4.54	97.1	-	0.00
Sum			12.75			

- 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]
1	1,572	1,581	4.14	97.4	-	0.00
10	4,410	4,413	-5.52	97.4	-	0.00
13	3,237	3,241	-2.54	97.4	-	0.00
2	2,186	2,193	1.13	97.4	-	0.00
3	1,222	1,233	6.39	97.4	-	0.00
4	1,652	1,660	3.69	97.4	-	0.00
5	2,220	2,227	0.99	97.4	-	0.00
6	1,090	1,103	7.40	97.4	-	0.00
7	1,995	2,002	1.98	97.4	-	0.00

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DECIBEL - Detailed results

Calculation: Vestas V162-6.2 MW ST 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	-4.70	97.4	-	0.00
9	3,832	3,835	-4.15	97.4	-	0.00
Sum			13.11			

- 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	1.08	97.1	-	0.00
10	4,101	4,104	-5.19	97.1	-	0.00
13	2,987	2,991	-2.15	97.1	-	0.00
2	2,287	2,292	0.35	97.1	-	0.00
3	957	969	8.19	97.1	-	0.00
4	1,101	1,112	6.96	97.1	-	0.00
5	1,753	1,760	2.79	97.1	-	0.00
6	1,744	1,751	2.84	97.1	-	0.00
7	2,740	2,744	-1.34	97.1	-	0.00
8	4,087	4,090	-5.16	97.1	-	0.00
9	3,511	3,514	-3.69	97.1	-	0.00
Sum			13.04			

- 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	2,112	2,118	1.45	97.4	-	0.00
10	4,101	4,104	-4.81	97.4	-	0.00
13	2,987	2,991	-1.78	97.4	-	0.00
2	2,287	2,292	0.72	97.4	-	0.00
3	957	969	8.56	97.4	-	0.00
4	1,101	1,112	7.32	97.4	-	0.00
5	1,753	1,760	3.16	97.4	-	0.00
6	1,744	1,751	3.20	97.4	-	0.00
7	2,740	2,744	-0.96	97.4	-	0.00
8	4,087	4,090	-4.78	97.4	-	0.00
9	3,511	3,514	-3.31	97.4	-	0.00
Sum			13.40			

- 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	0.35	97.1	-	0.00
10	5,055	5,058	-7.25	97.1	-	0.00
13	3,944	3,947	-4.81	97.1	-	0.00
2	2,914	2,919	-1.92	97.1	-	0.00
3	2,229	2,235	0.58	97.1	-	0.00
4	2,625	2,630	-0.94	97.1	-	0.00
5	3,098	3,102	-2.50	97.1	-	0.00
6	1,941	1,948	1.86	97.1	-	0.00
7	2,496	2,501	-0.47	97.1	-	0.00
8	4,594	4,597	-6.31	97.1	-	0.00
9	4,516	4,519	-6.14	97.1	-	0.00
Sum			8.85			

- Data undefined due to calculation with octave data

Project:

Vestas V162-6.2 MW

Licensed user:

SIA Estonian, Latvian & Lithuanian environment

Vilandes 3-6

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Calculated:

04/04/2025 5:19 pm/4.0.547

DECIBEL - Detailed results

Calculation: Vestas V162-6.2 MW ST 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	0.72	97.4	-	0.00
10	5,055	5,058	-6.86	97.4	-	0.00
13	3,944	3,947	-4.43	97.4	-	0.00
2	2,914	2,919	-1.55	97.4	-	0.00
3	2,229	2,235	0.95	97.4	-	0.00
4	2,625	2,630	-0.56	97.4	-	0.00
5	3,098	3,102	-2.12	97.4	-	0.00
6	1,941	1,948	2.23	97.4	-	0.00
7	2,496	2,501	-0.09	97.4	-	0.00
8	4,594	4,597	-5.92	97.4	-	0.00
9	4,516	4,519	-5.75	97.4	-	0.00
Sum			9.22			

- 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	4.30	97.1	-	0.00
10	4,276	4,280	-5.60	97.1	-	0.00
13	3,148	3,152	-2.65	97.1	-	0.00
2	2,111	2,118	1.08	97.1	-	0.00
3	1,584	1,593	3.71	97.1	-	0.00
4	1,887	1,894	2.12	97.1	-	0.00
5	2,301	2,307	0.29	97.1	-	0.00
6	1,150	1,162	6.56	97.1	-	0.00
7	1,744	1,752	2.83	97.1	-	0.00
8	3,848	3,851	-4.58	97.1	-	0.00
9	3,726	3,729	-4.26	97.1	-	0.00
Sum			12.31			

- 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	4.67	97.4	-	0.00
10	4,276	4,280	-5.22	97.4	-	0.00
13	3,148	3,152	-2.27	97.4	-	0.00
2	2,111	2,118	1.45	97.4	-	0.00
3	1,584	1,593	4.07	97.4	-	0.00
4	1,887	1,894	2.48	97.4	-	0.00
5	2,301	2,307	0.66	97.4	-	0.00
6	1,150	1,162	6.93	97.4	-	0.00
7	1,744	1,752	3.20	97.4	-	0.00
8	3,848	3,851	-4.19	97.4	-	0.00
9	3,726	3,729	-3.88	97.4	-	0.00
Sum			12.68			

- 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	5.73	97.1	-	0.00
10	4,052	4,055	-5.08	97.1	-	0.00
13	2,925	2,929	-1.95	97.1	-	0.00
2	1,891	1,899	2.09	97.1	-	0.00
3	1,492	1,501	4.25	97.1	-	0.00
4	1,736	1,744	2.87	97.1	-	0.00
5	2,103	2,109	1.12	97.1	-	0.00
6	966	980	8.09	97.1	-	0.00

To be continued on next page...

Project:

Vestas V162-6.2 MW

Licensed user:

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Calculated:

04/04/2025 5:19 pm/4.0.547

DECIBEL - Detailed results

Calculation: Vestas V162-6.2 MW ST 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	4.06	97.1	-	0.00
8	3,625	3,629	-4.00	97.1	-	0.00
9	3,502	3,506	-3.67	97.1	-	0.00
Sum			13.43			

- 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]
1	1,263	1,274	6.10	97.4	-	0.00
10	4,052	4,055	-4.69	97.4	-	0.00
13	2,925	2,929	-1.58	97.4	-	0.00
2	1,891	1,899	2.46	97.4	-	0.00
3	1,492	1,501	4.61	97.4	-	0.00
4	1,736	1,744	3.24	97.4	-	0.00
5	2,103	2,109	1.49	97.4	-	0.00
6	966	980	8.45	97.4	-	0.00
7	1,523	1,531	4.43	97.4	-	0.00
8	3,625	3,629	-3.62	97.4	-	0.00
9	3,502	3,506	-3.29	97.4	-	0.00
Sum			13.79			

- 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	9.27	97.1	-	0.00
10	3,494	3,498	-3.65	97.1	-	0.00
13	2,407	2,413	-0.13	97.1	-	0.00
2	1,421	1,431	4.68	97.1	-	0.00
3	1,616	1,625	3.52	97.1	-	0.00
4	1,649	1,657	3.34	97.1	-	0.00
5	1,782	1,790	2.64	97.1	-	0.00
6	844	859	9.27	97.1	-	0.00
7	933	947	8.40	97.1	-	0.00
8	3,036	3,040	-2.31	97.1	-	0.00
9	2,965	2,969	-2.08	97.1	-	0.00
Sum			15.52			

- 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	9.63	97.4	-	0.00
10	3,494	3,498	-3.27	97.4	-	0.00
13	2,407	2,413	0.24	97.4	-	0.00
2	1,421	1,431	5.04	97.4	-	0.00
3	1,616	1,625	3.89	97.4	-	0.00
4	1,649	1,657	3.71	97.4	-	0.00
5	1,782	1,790	3.01	97.4	-	0.00
6	844	859	9.63	97.4	-	0.00
7	933	947	8.76	97.4	-	0.00
8	3,036	3,040	-1.93	97.4	-	0.00
9	2,965	2,969	-1.71	97.4	-	0.00
Sum			15.88			

- Data undefined due to calculation with octave data

DECIBEL - Detailed results

Calculation: Vestas V162-6.2 MW ST 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	1.81	97.1	-	0.00
10	4,770	4,773	-6.68	97.1	-	0.00
13	3,626	3,630	-4.00	97.1	-	0.00
2	2,581	2,586	-0.78	97.1	-	0.00
3	1,773	1,781	2.68	97.1	-	0.00
4	2,187	2,193	0.76	97.1	-	0.00
5	2,703	2,708	-1.21	97.1	-	0.00
6	1,546	1,555	3.92	97.1	-	0.00
7	2,252	2,258	0.49	97.1	-	0.00
8	4,354	4,357	-5.78	97.1	-	0.00
9	4,211	4,214	-5.45	97.1	-	0.00
Sum			10.38			

- 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]
1	1,950	1,957	2.18	97.4	-	0.00
10	4,770	4,773	-6.29	97.4	-	0.00
13	3,626	3,630	-3.62	97.4	-	0.00
2	2,581	2,586	-0.41	97.4	-	0.00
3	1,773	1,781	3.05	97.4	-	0.00
4	2,187	2,193	1.13	97.4	-	0.00
5	2,703	2,708	-0.84	97.4	-	0.00
6	1,546	1,555	4.29	97.4	-	0.00
7	2,252	2,258	0.86	97.4	-	0.00
8	4,354	4,357	-5.39	97.4	-	0.00
9	4,211	4,214	-5.07	97.4	-	0.00
Sum			10.75			

- 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	2.38	97.1	-	0.00
10	4,560	4,563	-6.23	97.1	-	0.00
13	3,466	3,470	-3.57	97.1	-	0.00
2	2,452	2,458	-0.30	97.1	-	0.00
3	2,003	2,010	1.57	97.1	-	0.00
4	2,310	2,316	0.25	97.1	-	0.00
5	2,695	2,700	-1.18	97.1	-	0.00
6	1,558	1,566	3.86	97.1	-	0.00
7	1,994	2,001	1.61	97.1	-	0.00
8	4,087	4,090	-5.16	97.1	-	0.00
9	4,029	4,033	-5.02	97.1	-	0.00
Sum			10.45			

- 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	2.75	97.4	-	0.00
10	4,560	4,563	-5.85	97.4	-	0.00
13	3,466	3,470	-3.19	97.4	-	0.00
2	2,452	2,458	0.07	97.4	-	0.00
3	2,003	2,010	1.94	97.4	-	0.00
4	2,310	2,316	0.62	97.4	-	0.00
5	2,695	2,700	-0.81	97.4	-	0.00
6	1,558	1,566	4.22	97.4	-	0.00
7	1,994	2,001	1.98	97.4	-	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 5:19 pm/4.0.547

DECIBEL - Detailed results

Calculation: Vestas V162-6.2 MW ST 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	-4.78	97.4	-	0.00
9	4,029	4,033	-4.64	97.4	-	0.00
Sum			10.82			

- 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	-1.04	97.1	-	0.00
10	4,427	4,430	-5.94	97.1	-	0.00
13	3,373	3,376	-3.31	97.1	-	0.00
2	2,774	2,778	-1.45	97.1	-	0.00
3	1,517	1,525	4.10	97.1	-	0.00
4	1,626	1,633	3.48	97.1	-	0.00
5	2,194	2,199	0.73	97.1	-	0.00
6	2,305	2,310	0.28	97.1	-	0.00
7	3,275	3,279	-3.03	97.1	-	0.00
8	4,486	4,488	-6.07	97.1	-	0.00
9	3,856	3,859	-4.60	97.1	-	0.00
Sum			10.15			

- 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	2,654	2,659	-0.67	97.4	-	0.00
10	4,427	4,430	-5.56	97.4	-	0.00
13	3,373	3,376	-2.93	97.4	-	0.00
2	2,774	2,778	-1.08	97.4	-	0.00
3	1,517	1,525	4.47	97.4	-	0.00
4	1,626	1,633	3.84	97.4	-	0.00
5	2,194	2,199	1.10	97.4	-	0.00
6	2,305	2,310	0.65	97.4	-	0.00
7	3,275	3,279	-2.65	97.4	-	0.00
8	4,486	4,488	-5.68	97.4	-	0.00
9	3,856	3,859	-4.21	97.4	-	0.00
Sum			10.53			

- Data undefined due to calculation with octave data