

Project:

Nordex N163 - 7.0 MW

Licensed user:

SIA Estonian, Latvian &amp; Lithuanian environment

Vilandes 3-6

LV-1010 Riga

0037167242411

Kristiana / kristiana@environment.lv

Calculated:

04/04/2025 5:12 pm/4.0.547

## DECIBEL - Detailed results

Calculation: Nordex N163-7.0 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	4,444	-2.85	98.2	-	0.00
10	1,729	1,736	5.81	98.2	-	0.00
13	2,893	2,898	1.14	98.2	-	0.00
2	3,871	3,874	-1.56	98.2	-	0.00
3	5,478	5,480	-4.85	98.2	-	0.00
4	4,931	4,933	-3.84	98.2	-	0.00
5	4,152	4,156	-2.22	98.2	-	0.00
6	4,975	4,977	-3.93	98.2	-	0.00
7	4,047	4,051	-1.98	98.2	-	0.00
8	1,948	1,955	4.74	98.2	-	0.00
9	2,326	2,332	3.14	98.2	-	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]
1	4,441	4,444	-2.65	98.4	-	0.00
10	1,729	1,736	6.01	98.4	-	0.00
13	2,893	2,898	1.34	98.4	-	0.00
2	3,871	3,874	-1.36	98.4	-	0.00
3	5,478	5,480	-4.65	98.4	-	0.00
4	4,931	4,933	-3.64	98.4	-	0.00
5	4,152	4,156	-2.02	98.4	-	0.00
6	4,975	4,977	-3.73	98.4	-	0.00
7	4,047	4,051	-1.78	98.4	-	0.00
8	1,948	1,955	4.94	98.4	-	0.00
9	2,326	2,332	3.34	98.4	-	0.00
Sum			11.58			

- 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	6.56	98.2	-	0.00
10	4,429	4,432	-2.82	98.2	-	0.00
13	3,261	3,265	0.04	98.2	-	0.00
2	2,210	2,216	3.60	98.2	-	0.00
3	1,301	1,312	8.33	98.2	-	0.00
4	1,718	1,726	5.87	98.2	-	0.00
5	2,267	2,274	3.37	98.2	-	0.00
6	1,126	1,139	9.59	98.2	-	0.00
7	1,988	1,995	4.56	98.2	-	0.00
8	4,060	4,064	-2.01	98.2	-	0.00
9	3,854	3,858	-1.52	98.2	-	0.00
Sum			15.38			

- 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	1,589	1,598	6.76	98.4	-	0.00
10	4,429	4,432	-2.62	98.4	-	0.00
13	3,261	3,265	0.24	98.4	-	0.00

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## DECIBEL - Detailed results

Calculation: Nordex N163-7.0 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]
2	2,210	2,216	3.80	98.4	-	0.00
3	1,301	1,312	8.53	98.4	-	0.00
4	1,718	1,726	6.07	98.4	-	0.00
5	2,267	2,274	3.57	98.4	-	0.00
6	1,126	1,139	9.79	98.4	-	0.00
7	1,988	1,995	4.76	98.4	-	0.00
8	4,060	4,064	-1.81	98.4	-	0.00
9	3,854	3,858	-1.32	98.4	-	0.00
Sum			15.58			

- 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	2,256	3.44	98.2	-	0.00
10	4,200	4,204	-2.32	98.2	-	0.00
13	3,098	3,102	0.51	98.2	-	0.00
2	2,417	2,422	2.79	98.2	-	0.00
3	1,088	1,100	9.90	98.2	-	0.00
4	1,236	1,246	8.79	98.2	-	0.00
5	1,873	1,880	5.10	98.2	-	0.00
6	1,881	1,888	5.06	98.2	-	0.00
7	2,877	2,882	1.19	98.2	-	0.00
8	4,202	4,205	-2.33	98.2	-	0.00
9	3,613	3,617	-0.91	98.2	-	0.00
Sum			15.09			

- 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	2,250	2,256	3.64	98.4	-	0.00
10	4,200	4,204	-2.12	98.4	-	0.00
13	3,098	3,102	0.71	98.4	-	0.00
2	2,417	2,422	2.99	98.4	-	0.00
3	1,088	1,100	10.10	98.4	-	0.00
4	1,236	1,246	8.99	98.4	-	0.00
5	1,873	1,880	5.30	98.4	-	0.00
6	1,881	1,888	5.26	98.4	-	0.00
7	2,877	2,882	1.39	98.4	-	0.00
8	4,202	4,205	-2.13	98.4	-	0.00
9	3,613	3,617	-0.71	98.4	-	0.00
Sum			15.29			

- 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	-0.32	98.2	-	0.00
10	879	895	11.74	98.2	-	0.00
13	1,907	1,914	4.93	98.2	-	0.00
2	2,836	2,840	1.33	98.2	-	0.00
3	4,468	4,470	-2.91	98.2	-	0.00
4	3,937	3,940	-1.72	98.2	-	0.00
5	3,169	3,173	0.30	98.2	-	0.00
6	3,930	3,934	-1.70	98.2	-	0.00
7	2,987	2,992	0.85	98.2	-	0.00
8	891	907	11.62	98.2	-	0.00
9	1,395	1,404	7.72	98.2	-	0.00
Sum			16.52			

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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	-0.12	98.4	-	0.00
10	879	895	11.94	98.4	-	0.00
13	1,907	1,914	5.13	98.4	-	0.00
2	2,836	2,840	1.53	98.4	-	0.00
3	4,468	4,470	-2.71	98.4	-	0.00
4	3,937	3,940	-1.52	98.4	-	0.00
5	3,169	3,173	0.50	98.4	-	0.00
6	3,930	3,934	-1.50	98.4	-	0.00
7	2,987	2,992	1.05	98.4	-	0.00
8	891	907	11.82	98.4	-	0.00
9	1,395	1,404	7.92	98.4	-	0.00
Sum			16.72			

- 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	0.47	98.2	-	0.00
10	5,236	5,238	-4.41	98.2	-	0.00
13	4,125	4,128	-2.15	98.2	-	0.00
2	3,383	3,387	-0.30	98.2	-	0.00
3	1,830	1,837	5.30	98.2	-	0.00
4	2,180	2,186	3.73	98.2	-	0.00
5	2,883	2,888	1.17	98.2	-	0.00
6	2,651	2,656	1.94	98.2	-	0.00
7	3,749	3,752	-1.26	98.2	-	0.00
8	5,223	5,225	-4.39	98.2	-	0.00
9	4,648	4,651	-3.28	98.2	-	0.00
Sum			11.21			

- 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	3,114	3,118	0.67	98.4	-	0.00
10	5,236	5,238	-4.21	98.4	-	0.00
13	4,125	4,128	-1.95	98.4	-	0.00
2	3,383	3,387	-0.10	98.4	-	0.00
3	1,830	1,837	5.50	98.4	-	0.00
4	2,180	2,186	3.93	98.4	-	0.00
5	2,883	2,888	1.37	98.4	-	0.00
6	2,651	2,656	2.14	98.4	-	0.00
7	3,749	3,752	-1.06	98.4	-	0.00
8	5,223	5,225	-4.19	98.4	-	0.00
9	4,648	4,651	-3.08	98.4	-	0.00
Sum			11.41			

- 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	2,994	0.84	98.2	-	0.00
10	4,961	4,963	-3.90	98.2	-	0.00
13	3,877	3,880	-1.57	98.2	-	0.00
2	3,197	3,201	0.22	98.2	-	0.00
3	1,742	1,750	5.74	98.2	-	0.00
4	2,004	2,011	4.48	98.2	-	0.00
5	2,659	2,664	1.92	98.2	-	0.00
6	2,567	2,573	2.24	98.2	-	0.00

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...continued from previous page

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
7	3,623	3,626	-0.94	98.2	-	0.00
8	4,984	4,987	-3.94	98.2	-	0.00
9	4,381	4,384	-2.72	98.2	-	0.00
Sum			11.73			

- 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]
1	2,989	2,994	1.04	98.4	-	0.00
10	4,961	4,963	-3.70	98.4	-	0.00
13	3,877	3,880	-1.37	98.4	-	0.00
2	3,197	3,201	0.42	98.4	-	0.00
3	1,742	1,750	5.94	98.4	-	0.00
4	2,004	2,011	4.68	98.4	-	0.00
5	2,659	2,664	2.12	98.4	-	0.00
6	2,567	2,573	2.44	98.4	-	0.00
7	3,623	3,626	-0.74	98.4	-	0.00
8	4,984	4,987	-3.74	98.4	-	0.00
9	4,381	4,384	-2.52	98.4	-	0.00
Sum			11.93			

- 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	2.23	98.2	-	0.00
10	3,572	3,575	-0.81	98.2	-	0.00
13	2,679	2,684	1.85	98.2	-	0.00
2	2,422	2,427	2.77	98.2	-	0.00
3	1,906	1,912	4.94	98.2	-	0.00
4	1,631	1,638	6.34	98.2	-	0.00
5	1,775	1,782	5.58	98.2	-	0.00
6	2,446	2,451	2.68	98.2	-	0.00
7	3,092	3,096	0.53	98.2	-	0.00
8	3,770	3,773	-1.31	98.2	-	0.00
9	3,054	3,058	0.65	98.2	-	0.00
Sum			13.39			

- 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	2,570	2,575	2.43	98.4	-	0.00
10	3,572	3,575	-0.61	98.4	-	0.00
13	2,679	2,684	2.05	98.4	-	0.00
2	2,422	2,427	2.97	98.4	-	0.00
3	1,906	1,912	5.14	98.4	-	0.00
4	1,631	1,638	6.54	98.4	-	0.00
5	1,775	1,782	5.78	98.4	-	0.00
6	2,446	2,451	2.88	98.4	-	0.00
7	3,092	3,096	0.73	98.4	-	0.00
8	3,770	3,773	-1.11	98.4	-	0.00
9	3,054	3,058	0.85	98.4	-	0.00
Sum			13.59			

- Data undefined due to calculation with octave data

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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	1.01	98.2	-	0.00
10	2,303	2,309	3.23	98.2	-	0.00
13	1,955	1,962	4.71	98.2	-	0.00
2	2,437	2,443	2.71	98.2	-	0.00
3	3,020	3,024	0.75	98.2	-	0.00
4	2,489	2,495	2.52	98.2	-	0.00
5	2,004	2,011	4.48	98.2	-	0.00
6	3,137	3,141	0.40	98.2	-	0.00
7	3,169	3,173	0.30	98.2	-	0.00
8	2,766	2,771	1.56	98.2	-	0.00
9	1,987	1,993	4.56	98.2	-	0.00
Sum			13.10			

- 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	2,935	2,939	1.21	98.4	-	0.00
10	2,303	2,309	3.43	98.4	-	0.00
13	1,955	1,962	4.91	98.4	-	0.00
2	2,437	2,443	2.91	98.4	-	0.00
3	3,020	3,024	0.95	98.4	-	0.00
4	2,489	2,495	2.72	98.4	-	0.00
5	2,004	2,011	4.68	98.4	-	0.00
6	3,137	3,141	0.60	98.4	-	0.00
7	3,169	3,173	0.50	98.4	-	0.00
8	2,766	2,771	1.76	98.4	-	0.00
9	1,987	1,993	4.76	98.4	-	0.00
Sum			13.30			

- 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	2.18	98.2	-	0.00
10	4,106	4,109	-2.11	98.2	-	0.00
13	3,099	3,103	0.51	98.2	-	0.00
2	2,609	2,613	2.09	98.2	-	0.00
3	1,597	1,604	6.53	98.2	-	0.00
4	1,551	1,558	6.79	98.2	-	0.00
5	1,991	1,996	4.55	98.2	-	0.00
6	2,311	2,316	3.20	98.2	-	0.00
7	3,179	3,182	0.28	98.2	-	0.00
8	4,213	4,215	-2.35	98.2	-	0.00
9	3,550	3,554	-0.75	98.2	-	0.00
Sum			13.37			

- 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	2.38	98.4	-	0.00
10	4,106	4,109	-1.91	98.4	-	0.00
13	3,099	3,103	0.71	98.4	-	0.00
2	2,609	2,613	2.29	98.4	-	0.00
3	1,597	1,604	6.73	98.4	-	0.00
4	1,551	1,558	6.99	98.4	-	0.00
5	1,991	1,996	4.75	98.4	-	0.00
6	2,311	2,316	3.40	98.4	-	0.00
7	3,179	3,182	0.48	98.4	-	0.00

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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	-2.15	98.4	-	0.00
9	3,550	3,554	-0.55	98.4	-	0.00
Sum			13.57			

- 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	0.83	98.2	-	0.00
10	4,604	4,607	-3.19	98.2	-	0.00
13	3,597	3,601	-0.87	98.2	-	0.00
2	3,073	3,077	0.59	98.2	-	0.00
3	1,888	1,894	5.03	98.2	-	0.00
4	1,960	1,966	4.69	98.2	-	0.00
5	2,468	2,473	2.60	98.2	-	0.00
6	2,666	2,671	1.89	98.2	-	0.00
7	3,607	3,610	-0.90	98.2	-	0.00
8	4,711	4,714	-3.41	98.2	-	0.00
9	4,050	4,053	-1.98	98.2	-	0.00
Sum			11.77			

- 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	1.03	98.4	-	0.00
10	4,604	4,607	-2.99	98.4	-	0.00
13	3,597	3,601	-0.67	98.4	-	0.00
2	3,073	3,077	0.79	98.4	-	0.00
3	1,888	1,894	5.23	98.4	-	0.00
4	1,960	1,966	4.89	98.4	-	0.00
5	2,468	2,473	2.80	98.4	-	0.00
6	2,666	2,671	2.09	98.4	-	0.00
7	3,607	3,610	-0.70	98.4	-	0.00
8	4,711	4,714	-3.21	98.4	-	0.00
9	4,050	4,053	-1.78	98.4	-	0.00
Sum			11.97			

- 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	1.17	98.2	-	0.00
10	2,449	2,454	2.67	98.2	-	0.00
13	2,018	2,024	4.42	98.2	-	0.00
2	2,417	2,422	2.79	98.2	-	0.00
3	2,896	2,900	1.14	98.2	-	0.00
4	2,380	2,385	2.93	98.2	-	0.00
5	1,944	1,951	4.76	98.2	-	0.00
6	3,056	3,060	0.64	98.2	-	0.00
7	3,156	3,160	0.34	98.2	-	0.00
8	2,881	2,885	1.18	98.2	-	0.00
9	2,100	2,106	4.07	98.2	-	0.00
Sum			13.05			

- Data undefined due to calculation with octave data

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Calculation: Nordex N163-7.0 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	2,886	2,890	1.37	98.4	-	0.00
10	2,449	2,454	2.87	98.4	-	0.00
13	2,018	2,024	4.62	98.4	-	0.00
2	2,417	2,422	2.99	98.4	-	0.00
3	2,896	2,900	1.34	98.4	-	0.00
4	2,380	2,385	3.13	98.4	-	0.00
5	1,944	1,951	4.96	98.4	-	0.00
6	3,056	3,060	0.84	98.4	-	0.00
7	3,156	3,160	0.54	98.4	-	0.00
8	2,881	2,885	1.38	98.4	-	0.00
9	2,100	2,106	4.27	98.4	-	0.00
Sum			13.25			

- 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	1.59	98.2	-	0.00
10	4,591	4,594	-3.16	98.2	-	0.00
13	3,528	3,531	-0.69	98.2	-	0.00
2	2,904	2,908	1.11	98.2	-	0.00
3	1,577	1,585	6.64	98.2	-	0.00
4	1,737	1,744	5.77	98.2	-	0.00
5	2,336	2,341	3.10	98.2	-	0.00
6	2,383	2,388	2.92	98.2	-	0.00
7	3,382	3,386	-0.30	98.2	-	0.00
8	4,639	4,642	-3.26	98.2	-	0.00
9	4,017	4,020	-1.91	98.2	-	0.00
Sum			12.67			

- 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	2,756	2,760	1.79	98.4	-	0.00
10	4,591	4,594	-2.96	98.4	-	0.00
13	3,528	3,531	-0.49	98.4	-	0.00
2	2,904	2,908	1.31	98.4	-	0.00
3	1,577	1,585	6.84	98.4	-	0.00
4	1,737	1,744	5.97	98.4	-	0.00
5	2,336	2,341	3.30	98.4	-	0.00
6	2,383	2,388	3.12	98.4	-	0.00
7	3,382	3,386	-0.10	98.4	-	0.00
8	4,639	4,642	-3.06	98.4	-	0.00
9	4,017	4,020	-1.71	98.4	-	0.00
Sum			12.87			

- 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	2.22	98.2	-	0.00
10	3,718	3,721	-1.18	98.2	-	0.00
13	2,792	2,796	1.47	98.2	-	0.00
2	2,470	2,475	2.59	98.2	-	0.00
3	1,820	1,826	5.36	98.2	-	0.00
4	1,598	1,604	6.52	98.2	-	0.00
5	1,825	1,831	5.33	98.2	-	0.00
6	2,409	2,414	2.82	98.2	-	0.00

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## DECIBEL - Detailed results

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...continued from previous page

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
7	3,118	3,121	0.46	98.2	-	0.00
8	3,892	3,895	-1.61	98.2	-	0.00
9	3,189	3,192	0.25	98.2	-	0.00
Sum			13.38			

- 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	2,573	2,577	2.42	98.4	-	0.00
10	3,718	3,721	-0.98	98.4	-	0.00
13	2,792	2,796	1.67	98.4	-	0.00
2	2,470	2,475	2.79	98.4	-	0.00
3	1,820	1,826	5.56	98.4	-	0.00
4	1,598	1,604	6.72	98.4	-	0.00
5	1,825	1,831	5.53	98.4	-	0.00
6	2,409	2,414	3.02	98.4	-	0.00
7	3,118	3,121	0.66	98.4	-	0.00
8	3,892	3,895	-1.41	98.4	-	0.00
9	3,189	3,192	0.45	98.4	-	0.00
Sum			13.58			

- 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	5.47	98.2	-	0.00
10	4,612	4,615	-3.21	98.2	-	0.00
13	3,470	3,475	-0.54	98.2	-	0.00
2	2,426	2,432	2.75	98.2	-	0.00
3	1,681	1,689	6.06	98.2	-	0.00
4	2,069	2,075	4.20	98.2	-	0.00
5	2,562	2,567	2.26	98.2	-	0.00
6	1,404	1,414	7.66	98.2	-	0.00
7	2,093	2,100	4.09	98.2	-	0.00
8	4,195	4,198	-2.31	98.2	-	0.00
9	4,054	4,058	-1.99	98.2	-	0.00
Sum			13.93			

- 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	1,795	1,803	5.67	98.4	-	0.00
10	4,612	4,615	-3.01	98.4	-	0.00
13	3,470	3,475	-0.34	98.4	-	0.00
2	2,426	2,432	2.95	98.4	-	0.00
3	1,681	1,689	6.26	98.4	-	0.00
4	2,069	2,075	4.40	98.4	-	0.00
5	2,562	2,567	2.46	98.4	-	0.00
6	1,404	1,414	7.86	98.4	-	0.00
7	2,093	2,100	4.29	98.4	-	0.00
8	4,195	4,198	-2.11	98.4	-	0.00
9	4,054	4,058	-1.79	98.4	-	0.00
Sum			14.13			

- Data undefined due to calculation with octave data



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## DECIBEL - Detailed results

Calculation: Nordex N163-7.0 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	1.53	98.2	-	0.00
10	3,691	3,694	-1.11	98.2	-	0.00
13	2,836	2,840	1.33	98.2	-	0.00
2	2,617	2,621	2.07	98.2	-	0.00
3	2,092	2,097	4.10	98.2	-	0.00
4	1,832	1,838	5.30	98.2	-	0.00
5	1,970	1,976	4.64	98.2	-	0.00
6	2,648	2,652	1.96	98.2	-	0.00
7	3,293	3,296	-0.05	98.2	-	0.00
8	3,917	3,920	-1.67	98.2	-	0.00
9	3,188	3,192	0.25	98.2	-	0.00
Sum			12.63			

- 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	2,773	2,777	1.73	98.4	-	0.00
10	3,691	3,694	-0.91	98.4	-	0.00
13	2,836	2,840	1.53	98.4	-	0.00
2	2,617	2,621	2.27	98.4	-	0.00
3	2,092	2,097	4.30	98.4	-	0.00
4	1,832	1,838	5.50	98.4	-	0.00
5	1,970	1,976	4.84	98.4	-	0.00
6	2,648	2,652	2.16	98.4	-	0.00
7	3,293	3,296	0.15	98.4	-	0.00
8	3,917	3,920	-1.47	98.4	-	0.00
9	3,188	3,192	0.45	98.4	-	0.00
Sum			12.83			

- 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	2,982	0.88	98.2	-	0.00
10	4,010	4,012	-1.89	98.2	-	0.00
13	3,142	3,145	0.38	98.2	-	0.00
2	2,870	2,874	1.22	98.2	-	0.00
3	2,176	2,181	3.75	98.2	-	0.00
4	1,994	2,000	4.53	98.2	-	0.00
5	2,223	2,228	3.55	98.2	-	0.00
6	2,802	2,806	1.44	98.2	-	0.00
7	3,523	3,526	-0.68	98.2	-	0.00
8	4,228	4,231	-2.39	98.2	-	0.00
9	3,504	3,508	-0.63	98.2	-	0.00
Sum			11.89			

- 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]
1	2,978	2,982	1.08	98.4	-	0.00
10	4,010	4,012	-1.69	98.4	-	0.00
13	3,142	3,145	0.58	98.4	-	0.00
2	2,870	2,874	1.42	98.4	-	0.00
3	2,176	2,181	3.95	98.4	-	0.00
4	1,994	2,000	4.73	98.4	-	0.00
5	2,223	2,228	3.75	98.4	-	0.00
6	2,802	2,806	1.64	98.4	-	0.00
7	3,523	3,526	-0.48	98.4	-	0.00

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## DECIBEL - Detailed results

Calculation: Nordex N163-7.0 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	-2.19	98.4	-	0.00
9	3,504	3,508	-0.43	98.4	-	0.00
Sum			12.09			

- 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	3.26	98.2	-	0.00
10	5,131	5,134	-4.22	98.2	-	0.00
13	3,953	3,956	-1.75	98.2	-	0.00
2	2,904	2,909	1.11	98.2	-	0.00
3	1,720	1,728	5.86	98.2	-	0.00
4	2,244	2,250	3.46	98.2	-	0.00
5	2,889	2,894	1.15	98.2	-	0.00
6	1,797	1,805	5.46	98.2	-	0.00
7	2,710	2,715	1.74	98.2	-	0.00
8	4,779	4,782	-3.54	98.2	-	0.00
9	4,549	4,552	-3.08	98.2	-	0.00
Sum			12.50			

- 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]
1	2,295	2,301	3.46	98.4	-	0.00
10	5,131	5,134	-4.02	98.4	-	0.00
13	3,953	3,956	-1.55	98.4	-	0.00
2	2,904	2,909	1.31	98.4	-	0.00
3	1,720	1,728	6.06	98.4	-	0.00
4	2,244	2,250	3.66	98.4	-	0.00
5	2,889	2,894	1.35	98.4	-	0.00
6	1,797	1,805	5.66	98.4	-	0.00
7	2,710	2,715	1.94	98.4	-	0.00
8	4,779	4,782	-3.34	98.4	-	0.00
9	4,549	4,552	-2.88	98.4	-	0.00
Sum			12.70			

- 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	1.40	98.2	-	0.00
10	4,673	4,675	-3.33	98.2	-	0.00
13	3,606	3,610	-0.90	98.2	-	0.00
2	2,972	2,976	0.90	98.2	-	0.00
3	1,618	1,625	6.41	98.2	-	0.00
4	1,800	1,806	5.46	98.2	-	0.00
5	2,410	2,414	2.82	98.2	-	0.00
6	2,429	2,434	2.74	98.2	-	0.00
7	3,441	3,444	-0.46	98.2	-	0.00
8	4,717	4,720	-3.42	98.2	-	0.00
9	4,098	4,101	-2.09	98.2	-	0.00
Sum			12.44			

- Data undefined due to calculation with octave data

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## DECIBEL - Detailed results

Calculation: Nordex N163-7.0 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	1.60	98.4	-	0.00
10	4,673	4,675	-3.13	98.4	-	0.00
13	3,606	3,610	-0.70	98.4	-	0.00
2	2,972	2,976	1.10	98.4	-	0.00
3	1,618	1,625	6.61	98.4	-	0.00
4	1,800	1,806	5.66	98.4	-	0.00
5	2,410	2,414	3.02	98.4	-	0.00
6	2,429	2,434	2.94	98.4	-	0.00
7	3,441	3,444	-0.26	98.4	-	0.00
8	4,717	4,720	-3.22	98.4	-	0.00
9	4,098	4,101	-1.89	98.4	-	0.00
Sum			12.64			

- 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	3.34	98.2	-	0.00
10	5,055	5,057	-4.08	98.2	-	0.00
13	3,937	3,941	-1.72	98.2	-	0.00
2	2,903	2,908	1.11	98.2	-	0.00
3	2,183	2,189	3.71	98.2	-	0.00
4	2,588	2,593	2.16	98.2	-	0.00
5	3,073	3,078	0.59	98.2	-	0.00
6	1,915	1,923	4.89	98.2	-	0.00
7	2,500	2,506	2.48	98.2	-	0.00
8	4,601	4,604	-3.19	98.2	-	0.00
9	4,511	4,515	-3.00	98.2	-	0.00
Sum			11.90			

- 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	3.54	98.4	-	0.00
10	5,055	5,057	-3.88	98.4	-	0.00
13	3,937	3,941	-1.52	98.4	-	0.00
2	2,903	2,908	1.31	98.4	-	0.00
3	2,183	2,189	3.91	98.4	-	0.00
4	2,588	2,593	2.36	98.4	-	0.00
5	3,073	3,078	0.79	98.4	-	0.00
6	1,915	1,923	5.09	98.4	-	0.00
7	2,500	2,506	2.68	98.4	-	0.00
8	4,601	4,604	-2.99	98.4	-	0.00
9	4,511	4,515	-2.80	98.4	-	0.00
Sum			12.10			

- 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	3.24	98.2	-	0.00
10	4,281	4,284	-2.50	98.2	-	0.00
13	3,175	3,179	0.29	98.2	-	0.00
2	2,482	2,487	2.55	98.2	-	0.00
3	1,112	1,123	9.72	98.2	-	0.00
4	1,295	1,304	8.38	98.2	-	0.00
5	1,946	1,952	4.75	98.2	-	0.00
6	1,917	1,923	4.89	98.2	-	0.00

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Project:

Nordex N163 - 7.0 MW

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## DECIBEL - Detailed results

Calculation: Nordex N163-7.0 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	1.03	98.2	-	0.00
8	4,278	4,281	-2.50	98.2	-	0.00
9	3,693	3,697	-1.12	98.2	-	0.00
Sum			14.84			

- 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	3.44	98.4	-	0.00
10	4,281	4,284	-2.30	98.4	-	0.00
13	3,175	3,179	0.49	98.4	-	0.00
2	2,482	2,487	2.75	98.4	-	0.00
3	1,112	1,123	9.92	98.4	-	0.00
4	1,295	1,304	8.58	98.4	-	0.00
5	1,946	1,952	4.95	98.4	-	0.00
6	1,917	1,923	5.09	98.4	-	0.00
7	2,929	2,933	1.23	98.4	-	0.00
8	4,278	4,281	-2.30	98.4	-	0.00
9	3,693	3,697	-0.92	98.4	-	0.00
Sum			15.04			

- 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	2.82	98.2	-	0.00
10	5,198	5,201	-4.35	98.2	-	0.00
13	4,004	4,008	-1.88	98.2	-	0.00
2	2,977	2,982	0.88	98.2	-	0.00
3	1,560	1,569	6.73	98.2	-	0.00
4	2,132	2,138	3.93	98.2	-	0.00
5	2,852	2,857	1.27	98.2	-	0.00
6	1,868	1,876	5.11	98.2	-	0.00
7	2,906	2,911	1.10	98.2	-	0.00
8	4,909	4,912	-3.80	98.2	-	0.00
9	4,602	4,605	-3.19	98.2	-	0.00
Sum			12.58			

- 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]
1	2,409	2,415	3.02	98.4	-	0.00
10	5,198	5,201	-4.15	98.4	-	0.00
13	4,004	4,008	-1.68	98.4	-	0.00
2	2,977	2,982	1.08	98.4	-	0.00
3	1,560	1,569	6.93	98.4	-	0.00
4	2,132	2,138	4.13	98.4	-	0.00
5	2,852	2,857	1.47	98.4	-	0.00
6	1,868	1,876	5.31	98.4	-	0.00
7	2,906	2,911	1.30	98.4	-	0.00
8	4,909	4,912	-3.60	98.4	-	0.00
9	4,602	4,605	-2.99	98.4	-	0.00
Sum			12.78			

- Data undefined due to calculation with octave data

Project:

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## DECIBEL - Detailed results

Calculation: Nordex N163-7.0 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	3.49	98.2	-	0.00
10	4,988	4,991	-3.95	98.2	-	0.00
13	3,886	3,890	-1.60	98.2	-	0.00
2	2,862	2,867	1.24	98.2	-	0.00
3	2,240	2,246	3.48	98.2	-	0.00
4	2,616	2,622	2.06	98.2	-	0.00
5	3,066	3,071	0.61	98.2	-	0.00
6	1,912	1,920	4.90	98.2	-	0.00
7	2,424	2,430	2.76	98.2	-	0.00
8	4,518	4,522	-3.01	98.2	-	0.00
9	4,454	4,457	-2.88	98.2	-	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	2,237	2,243	3.69	98.4	-	0.00
10	4,988	4,991	-3.75	98.4	-	0.00
13	3,886	3,890	-1.40	98.4	-	0.00
2	2,862	2,867	1.44	98.4	-	0.00
3	2,240	2,246	3.68	98.4	-	0.00
4	2,616	2,622	2.26	98.4	-	0.00
5	3,066	3,071	0.81	98.4	-	0.00
6	1,912	1,920	5.10	98.4	-	0.00
7	2,424	2,430	2.96	98.4	-	0.00
8	4,518	4,522	-2.81	98.4	-	0.00
9	4,454	4,457	-2.68	98.4	-	0.00
Sum			12.14			

- 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	6.66	98.2	-	0.00
10	4,410	4,413	-2.78	98.2	-	0.00
13	3,237	3,241	0.11	98.2	-	0.00
2	2,186	2,193	3.70	98.2	-	0.00
3	1,222	1,233	8.88	98.2	-	0.00
4	1,652	1,660	6.21	98.2	-	0.00
5	2,220	2,227	3.56	98.2	-	0.00
6	1,090	1,103	9.88	98.2	-	0.00
7	1,995	2,002	4.53	98.2	-	0.00
8	4,055	4,058	-1.99	98.2	-	0.00
9	3,832	3,835	-1.46	98.2	-	0.00
Sum			15.64			

- 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]
1	1,572	1,581	6.86	98.4	-	0.00
10	4,410	4,413	-2.58	98.4	-	0.00
13	3,237	3,241	0.31	98.4	-	0.00
2	2,186	2,193	3.90	98.4	-	0.00
3	1,222	1,233	9.08	98.4	-	0.00
4	1,652	1,660	6.41	98.4	-	0.00
5	2,220	2,227	3.76	98.4	-	0.00
6	1,090	1,103	10.08	98.4	-	0.00
7	1,995	2,002	4.73	98.4	-	0.00

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## DECIBEL - Detailed results

Calculation: Nordex N163-7.0 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	-1.79	98.4	-	0.00
9	3,832	3,835	-1.26	98.4	-	0.00
Sum			15.84			

- 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	4.01	98.2	-	0.00
10	4,101	4,104	-2.10	98.2	-	0.00
13	2,987	2,991	0.85	98.2	-	0.00
2	2,287	2,292	3.29	98.2	-	0.00
3	957	970	11.02	98.2	-	0.00
4	1,101	1,112	9.80	98.2	-	0.00
5	1,753	1,760	5.69	98.2	-	0.00
6	1,744	1,751	5.73	98.2	-	0.00
7	2,740	2,744	1.64	98.2	-	0.00
8	4,087	4,090	-2.07	98.2	-	0.00
9	3,511	3,514	-0.65	98.2	-	0.00
Sum			15.92			

- 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]
1	2,112	2,118	4.21	98.4	-	0.00
10	4,101	4,104	-1.90	98.4	-	0.00
13	2,987	2,991	1.05	98.4	-	0.00
2	2,287	2,292	3.49	98.4	-	0.00
3	957	970	11.22	98.4	-	0.00
4	1,101	1,112	10.00	98.4	-	0.00
5	1,753	1,760	5.89	98.4	-	0.00
6	1,744	1,751	5.93	98.4	-	0.00
7	2,740	2,744	1.84	98.4	-	0.00
8	4,087	4,090	-1.87	98.4	-	0.00
9	3,511	3,514	-0.45	98.4	-	0.00
Sum			16.12			

- 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	3.29	98.2	-	0.00
10	5,055	5,058	-4.08	98.2	-	0.00
13	3,944	3,948	-1.73	98.2	-	0.00
2	2,914	2,919	1.07	98.2	-	0.00
3	2,229	2,236	3.52	98.2	-	0.00
4	2,625	2,630	2.03	98.2	-	0.00
5	3,098	3,102	0.51	98.2	-	0.00
6	1,941	1,948	4.77	98.2	-	0.00
7	2,496	2,502	2.49	98.2	-	0.00
8	4,594	4,597	-3.17	98.2	-	0.00
9	4,516	4,519	-3.01	98.2	-	0.00
Sum			11.82			

- Data undefined due to calculation with octave data

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## DECIBEL - Detailed results

Calculation: Nordex N163-7.0 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	3.49	98.4	-	0.00
10	5,055	5,058	-3.88	98.4	-	0.00
13	3,944	3,948	-1.53	98.4	-	0.00
2	2,914	2,919	1.27	98.4	-	0.00
3	2,229	2,236	3.72	98.4	-	0.00
4	2,625	2,630	2.23	98.4	-	0.00
5	3,098	3,102	0.71	98.4	-	0.00
6	1,941	1,948	4.97	98.4	-	0.00
7	2,496	2,502	2.69	98.4	-	0.00
8	4,594	4,597	-2.97	98.4	-	0.00
9	4,516	4,519	-2.81	98.4	-	0.00
Sum			12.02			

- 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	7.18	98.2	-	0.00
10	4,276	4,280	-2.49	98.2	-	0.00
13	3,148	3,152	0.36	98.2	-	0.00
2	2,111	2,118	4.01	98.2	-	0.00
3	1,584	1,593	6.59	98.2	-	0.00
4	1,887	1,894	5.02	98.2	-	0.00
5	2,301	2,307	3.24	98.2	-	0.00
6	1,150	1,162	9.41	98.2	-	0.00
7	1,744	1,753	5.73	98.2	-	0.00
8	3,848	3,851	-1.50	98.2	-	0.00
9	3,726	3,730	-1.20	98.2	-	0.00
Sum			15.21			

- 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	1,482	1,491	7.38	98.4	-	0.00
10	4,276	4,280	-2.29	98.4	-	0.00
13	3,148	3,152	0.56	98.4	-	0.00
2	2,111	2,118	4.21	98.4	-	0.00
3	1,584	1,593	6.79	98.4	-	0.00
4	1,887	1,894	5.22	98.4	-	0.00
5	2,301	2,307	3.44	98.4	-	0.00
6	1,150	1,162	9.61	98.4	-	0.00
7	1,744	1,753	5.93	98.4	-	0.00
8	3,848	3,851	-1.30	98.4	-	0.00
9	3,726	3,730	-1.00	98.4	-	0.00
Sum			15.41			

- 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	8.59	98.2	-	0.00
10	4,052	4,055	-1.99	98.2	-	0.00
13	2,925	2,930	1.04	98.2	-	0.00
2	1,891	1,899	5.00	98.2	-	0.00
3	1,492	1,501	7.12	98.2	-	0.00
4	1,736	1,744	5.77	98.2	-	0.00
5	2,103	2,110	4.05	98.2	-	0.00
6	966	981	10.92	98.2	-	0.00

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## DECIBEL - Detailed results

Calculation: Nordex N163-7.0 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	1,532	6.94	98.2	-	0.00
8	3,625	3,629	-0.95	98.2	-	0.00
9	3,502	3,506	-0.62	98.2	-	0.00
Sum			16.31			

- 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	1,263	1,274	8.79	98.4	-	0.00
10	4,052	4,055	-1.79	98.4	-	0.00
13	2,925	2,930	1.24	98.4	-	0.00
2	1,891	1,899	5.20	98.4	-	0.00
3	1,492	1,501	7.32	98.4	-	0.00
4	1,736	1,744	5.97	98.4	-	0.00
5	2,103	2,110	4.25	98.4	-	0.00
6	966	981	11.12	98.4	-	0.00
7	1,523	1,532	7.14	98.4	-	0.00
8	3,625	3,629	-0.75	98.4	-	0.00
9	3,502	3,506	-0.42	98.4	-	0.00
Sum			16.51			

- 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	12.09	98.2	-	0.00
10	3,494	3,498	-0.60	98.2	-	0.00
13	2,407	2,413	2.82	98.2	-	0.00
2	1,421	1,431	7.55	98.2	-	0.00
3	1,616	1,625	6.41	98.2	-	0.00
4	1,649	1,657	6.23	98.2	-	0.00
5	1,782	1,790	5.54	98.2	-	0.00
6	844	860	12.09	98.2	-	0.00
7	933	948	11.23	98.2	-	0.00
8	3,036	3,040	0.70	98.2	-	0.00
9	2,965	2,969	0.92	98.2	-	0.00
Sum			18.37			

- 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	12.29	98.4	-	0.00
10	3,494	3,498	-0.40	98.4	-	0.00
13	2,407	2,413	3.02	98.4	-	0.00
2	1,421	1,431	7.75	98.4	-	0.00
3	1,616	1,625	6.61	98.4	-	0.00
4	1,649	1,657	6.43	98.4	-	0.00
5	1,782	1,790	5.74	98.4	-	0.00
6	844	860	12.29	98.4	-	0.00
7	933	948	11.43	98.4	-	0.00
8	3,036	3,040	0.90	98.4	-	0.00
9	2,965	2,969	1.12	98.4	-	0.00
Sum			18.57			

- Data undefined due to calculation with octave data



Project:

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## DECIBEL - Detailed results

Calculation: Nordex N163-7.0 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	1,958	4.73	98.2	-	0.00
10	4,770	4,773	-3.53	98.2	-	0.00
13	3,626	3,630	-0.95	98.2	-	0.00
2	2,581	2,586	2.19	98.2	-	0.00
3	1,773	1,781	5.58	98.2	-	0.00
4	2,187	2,194	3.69	98.2	-	0.00
5	2,703	2,708	1.77	98.2	-	0.00
6	1,546	1,556	6.80	98.2	-	0.00
7	2,252	2,258	3.43	98.2	-	0.00
8	4,354	4,357	-2.66	98.2	-	0.00
9	4,211	4,214	-2.35	98.2	-	0.00
Sum			13.31			

- 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	1,950	1,958	4.93	98.4	-	0.00
10	4,770	4,773	-3.33	98.4	-	0.00
13	3,626	3,630	-0.75	98.4	-	0.00
2	2,581	2,586	2.39	98.4	-	0.00
3	1,773	1,781	5.78	98.4	-	0.00
4	2,187	2,194	3.89	98.4	-	0.00
5	2,703	2,708	1.97	98.4	-	0.00
6	1,546	1,556	7.00	98.4	-	0.00
7	2,252	2,258	3.63	98.4	-	0.00
8	4,354	4,357	-2.46	98.4	-	0.00
9	4,211	4,214	-2.15	98.4	-	0.00
Sum			13.51			

- 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	5.29	98.2	-	0.00
10	4,560	4,563	-3.10	98.2	-	0.00
13	3,466	3,470	-0.53	98.2	-	0.00
2	2,452	2,458	2.66	98.2	-	0.00
3	2,003	2,010	4.49	98.2	-	0.00
4	2,310	2,317	3.20	98.2	-	0.00
5	2,695	2,700	1.79	98.2	-	0.00
6	1,558	1,567	6.74	98.2	-	0.00
7	1,994	2,001	4.53	98.2	-	0.00
8	4,087	4,090	-2.07	98.2	-	0.00
9	4,029	4,033	-1.93	98.2	-	0.00
Sum			13.39			

- 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	1,833	1,840	5.49	98.4	-	0.00
10	4,560	4,563	-2.90	98.4	-	0.00
13	3,466	3,470	-0.33	98.4	-	0.00
2	2,452	2,458	2.86	98.4	-	0.00
3	2,003	2,010	4.69	98.4	-	0.00
4	2,310	2,317	3.40	98.4	-	0.00
5	2,695	2,700	1.99	98.4	-	0.00
6	1,558	1,567	6.94	98.4	-	0.00
7	1,994	2,001	4.73	98.4	-	0.00

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Project:

Nordex N163 - 7.0 MW

Licensed user:

SIA Estonian, Latvian & Lithuanian environment

Vilandes 3-6

LV-1010 Riga

0037167242411

Kristiana / kristiana@environment.lv

Calculated:

04/04/2025 5:12 pm/4.0.547

## DECIBEL - Detailed results

Calculation: Nordex N163-7.0 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	-1.87	98.4	-	0.00
9	4,029	4,033	-1.73	98.4	-	0.00
Sum			13.59			

- 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	1.93	98.2	-	0.00
10	4,427	4,430	-2.82	98.2	-	0.00
13	3,373	3,376	-0.27	98.2	-	0.00
2	2,774	2,779	1.53	98.2	-	0.00
3	1,517	1,525	6.98	98.2	-	0.00
4	1,626	1,633	6.36	98.2	-	0.00
5	2,194	2,200	3.67	98.2	-	0.00
6	2,305	2,310	3.22	98.2	-	0.00
7	3,275	3,279	0.00	98.2	-	0.00
8	4,486	4,488	-2.94	98.2	-	0.00
9	3,856	3,859	-1.52	98.2	-	0.00
Sum			13.10			

- 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	2,654	2,659	2.13	98.4	-	0.00
10	4,427	4,430	-2.62	98.4	-	0.00
13	3,373	3,376	-0.07	98.4	-	0.00
2	2,774	2,779	1.73	98.4	-	0.00
3	1,517	1,525	7.18	98.4	-	0.00
4	1,626	1,633	6.56	98.4	-	0.00
5	2,194	2,200	3.87	98.4	-	0.00
6	2,305	2,310	3.42	98.4	-	0.00
7	3,275	3,279	0.20	98.4	-	0.00
8	4,486	4,488	-2.74	98.4	-	0.00
9	3,856	3,859	-1.32	98.4	-	0.00
Sum			13.30			

- Data undefined due to calculation with octave data