

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 5:15 pm/4.0.547

DECIBEL - Detailed results

Calculation: Nordex N163 - 7.0 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	4,444	-3.31	96.8	-	0.00
10	1,729	1,736	5.26	96.8	-	0.00
13	2,893	2,898	0.63	96.8	-	0.00
2	3,871	3,874	-2.04	96.8	-	0.00
3	5,478	5,480	-5.28	96.8	-	0.00
4	4,931	4,933	-4.29	96.8	-	0.00
5	4,152	4,156	-2.69	96.8	-	0.00
6	4,975	4,977	-4.38	96.8	-	0.00
7	4,047	4,051	-2.45	96.8	-	0.00
8	1,948	1,955	4.20	96.8	-	0.00
9	2,326	2,332	2.61	96.8	-	0.00
Sum			10.86			

- 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	-3.11	97.0	-	0.00
10	1,729	1,736	5.46	97.0	-	0.00
13	2,893	2,898	0.83	97.0	-	0.00
2	3,871	3,874	-1.84	97.0	-	0.00
3	5,478	5,480	-5.08	97.0	-	0.00
4	4,931	4,933	-4.09	97.0	-	0.00
5	4,152	4,156	-2.49	97.0	-	0.00
6	4,975	4,977	-4.18	97.0	-	0.00
7	4,047	4,051	-2.25	97.0	-	0.00
8	1,948	1,955	4.40	97.0	-	0.00
9	2,326	2,332	2.81	97.0	-	0.00
Sum			11.06			

- 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	6.01	96.8	-	0.00
10	4,429	4,432	-3.29	96.8	-	0.00
13	3,261	3,265	-0.46	96.8	-	0.00
2	2,210	2,216	3.07	96.8	-	0.00
3	1,301	1,312	7.77	96.8	-	0.00
4	1,718	1,726	5.32	96.8	-	0.00
5	2,267	2,274	2.84	96.8	-	0.00
6	1,126	1,139	9.03	96.8	-	0.00
7	1,988	1,995	4.02	96.8	-	0.00
8	4,060	4,064	-2.48	96.8	-	0.00
9	3,854	3,858	-2.00	96.8	-	0.00
Sum			14.83			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
1	1,589	1,598	6.21	97.0	-	0.00
10	4,429	4,432	-3.09	97.0	-	0.00
13	3,261	3,265	-0.26	97.0	-	0.00

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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	3.27	97.0	-	0.00
3	1,301	1,312	7.97	97.0	-	0.00
4	1,718	1,726	5.52	97.0	-	0.00
5	2,267	2,274	3.04	97.0	-	0.00
6	1,126	1,139	9.23	97.0	-	0.00
7	1,988	1,995	4.22	97.0	-	0.00
8	4,060	4,064	-2.28	97.0	-	0.00
9	3,854	3,858	-1.80	97.0	-	0.00
Sum			15.03			

- 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	2.91	96.8	-	0.00
10	4,200	4,204	-2.80	96.8	-	0.00
13	3,098	3,102	0.01	96.8	-	0.00
2	2,417	2,422	2.26	96.8	-	0.00
3	1,088	1,100	9.33	96.8	-	0.00
4	1,236	1,246	8.22	96.8	-	0.00
5	1,873	1,880	4.55	96.8	-	0.00
6	1,881	1,888	4.51	96.8	-	0.00
7	2,877	2,882	0.68	96.8	-	0.00
8	4,202	4,205	-2.80	96.8	-	0.00
9	3,613	3,617	-1.40	96.8	-	0.00
Sum			14.55			

- 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	3.11	97.0	-	0.00
10	4,200	4,204	-2.60	97.0	-	0.00
13	3,098	3,102	0.21	97.0	-	0.00
2	2,417	2,422	2.46	97.0	-	0.00
3	1,088	1,100	9.53	97.0	-	0.00
4	1,236	1,246	8.42	97.0	-	0.00
5	1,873	1,880	4.75	97.0	-	0.00
6	1,881	1,888	4.71	97.0	-	0.00
7	2,877	2,882	0.88	97.0	-	0.00
8	4,202	4,205	-2.60	97.0	-	0.00
9	3,613	3,617	-1.20	97.0	-	0.00
Sum			14.75			

- 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	-0.82	96.8	-	0.00
10	879	895	11.16	96.8	-	0.00
13	1,907	1,914	4.39	96.8	-	0.00
2	2,836	2,840	0.81	96.8	-	0.00
3	4,468	4,470	-3.37	96.8	-	0.00
4	3,937	3,940	-2.20	96.8	-	0.00
5	3,169	3,173	-0.20	96.8	-	0.00
6	3,930	3,934	-2.18	96.8	-	0.00
7	2,987	2,992	0.34	96.8	-	0.00
8	891	907	11.05	96.8	-	0.00
9	1,395	1,404	7.16	96.8	-	0.00
Sum			15.96			

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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	-0.62	97.0	-	0.00
10	879	895	11.36	97.0	-	0.00
13	1,907	1,914	4.59	97.0	-	0.00
2	2,836	2,840	1.01	97.0	-	0.00
3	4,468	4,470	-3.17	97.0	-	0.00
4	3,937	3,940	-2.00	97.0	-	0.00
5	3,169	3,173	0.00	97.0	-	0.00
6	3,930	3,934	-1.98	97.0	-	0.00
7	2,987	2,992	0.54	97.0	-	0.00
8	891	907	11.25	97.0	-	0.00
9	1,395	1,404	7.36	97.0	-	0.00
Sum			16.16			

- 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	-0.04	96.8	-	0.00
10	5,236	5,238	-4.86	96.8	-	0.00
13	4,125	4,128	-2.63	96.8	-	0.00
2	3,383	3,387	-0.80	96.8	-	0.00
3	1,830	1,837	4.76	96.8	-	0.00
4	2,180	2,186	3.19	96.8	-	0.00
5	2,883	2,888	0.66	96.8	-	0.00
6	2,651	2,656	1.43	96.8	-	0.00
7	3,749	3,752	-1.74	96.8	-	0.00
8	5,223	5,225	-4.83	96.8	-	0.00
9	4,648	4,651	-3.74	96.8	-	0.00
Sum			10.70			

- 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	0.16	97.0	-	0.00
10	5,236	5,238	-4.66	97.0	-	0.00
13	4,125	4,128	-2.43	97.0	-	0.00
2	3,383	3,387	-0.60	97.0	-	0.00
3	1,830	1,837	4.96	97.0	-	0.00
4	2,180	2,186	3.39	97.0	-	0.00
5	2,883	2,888	0.86	97.0	-	0.00
6	2,651	2,656	1.63	97.0	-	0.00
7	3,749	3,752	-1.54	97.0	-	0.00
8	5,223	5,225	-4.63	97.0	-	0.00
9	4,648	4,651	-3.54	97.0	-	0.00
Sum			10.90			

- 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	0.33	96.8	-	0.00
10	4,961	4,963	-4.35	96.8	-	0.00
13	3,877	3,880	-2.05	96.8	-	0.00
2	3,197	3,201	-0.28	96.8	-	0.00
3	1,742	1,750	5.20	96.8	-	0.00
4	2,004	2,011	3.94	96.8	-	0.00
5	2,659	2,664	1.40	96.8	-	0.00
6	2,567	2,573	1.72	96.8	-	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	-1.43	96.8	-	0.00
8	4,984	4,987	-4.39	96.8	-	0.00
9	4,381	4,384	-3.19	96.8	-	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	2,989	2,994	0.53	97.0	-	0.00
10	4,961	4,963	-4.15	97.0	-	0.00
13	3,877	3,880	-1.85	97.0	-	0.00
2	3,197	3,201	-0.08	97.0	-	0.00
3	1,742	1,750	5.40	97.0	-	0.00
4	2,004	2,011	4.14	97.0	-	0.00
5	2,659	2,664	1.60	97.0	-	0.00
6	2,567	2,573	1.92	97.0	-	0.00
7	3,623	3,626	-1.23	97.0	-	0.00
8	4,984	4,987	-4.19	97.0	-	0.00
9	4,381	4,384	-2.99	97.0	-	0.00
Sum			11.41			

- 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	1.71	96.8	-	0.00
10	3,572	3,575	-1.30	96.8	-	0.00
13	2,679	2,684	1.33	96.8	-	0.00
2	2,422	2,427	2.25	96.8	-	0.00
3	1,906	1,912	4.40	96.8	-	0.00
4	1,631	1,638	5.79	96.8	-	0.00
5	1,775	1,782	5.03	96.8	-	0.00
6	2,446	2,451	2.16	96.8	-	0.00
7	3,092	3,096	0.03	96.8	-	0.00
8	3,770	3,773	-1.79	96.8	-	0.00
9	3,054	3,058	0.14	96.8	-	0.00
Sum			12.86			

- 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	1.91	97.0	-	0.00
10	3,572	3,575	-1.10	97.0	-	0.00
13	2,679	2,684	1.53	97.0	-	0.00
2	2,422	2,427	2.45	97.0	-	0.00
3	1,906	1,912	4.60	97.0	-	0.00
4	1,631	1,638	5.99	97.0	-	0.00
5	1,775	1,782	5.23	97.0	-	0.00
6	2,446	2,451	2.36	97.0	-	0.00
7	3,092	3,096	0.23	97.0	-	0.00
8	3,770	3,773	-1.59	97.0	-	0.00
9	3,054	3,058	0.34	97.0	-	0.00
Sum			13.06			

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DECIBEL - Detailed results

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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	0.50	96.8	-	0.00
10	2,303	2,309	2.70	96.8	-	0.00
13	1,955	1,962	4.17	96.8	-	0.00
2	2,437	2,443	2.19	96.8	-	0.00
3	3,020	3,024	0.24	96.8	-	0.00
4	2,489	2,495	2.00	96.8	-	0.00
5	2,004	2,011	3.95	96.8	-	0.00
6	3,137	3,141	-0.11	96.8	-	0.00
7	3,169	3,173	-0.20	96.8	-	0.00
8	2,766	2,771	1.04	96.8	-	0.00
9	1,987	1,993	4.02	96.8	-	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	2,935	2,939	0.70	97.0	-	0.00
10	2,303	2,309	2.90	97.0	-	0.00
13	1,955	1,962	4.37	97.0	-	0.00
2	2,437	2,443	2.39	97.0	-	0.00
3	3,020	3,024	0.44	97.0	-	0.00
4	2,489	2,495	2.20	97.0	-	0.00
5	2,004	2,011	4.15	97.0	-	0.00
6	3,137	3,141	0.09	97.0	-	0.00
7	3,169	3,173	0.00	97.0	-	0.00
8	2,766	2,771	1.24	97.0	-	0.00
9	1,987	1,993	4.22	97.0	-	0.00
Sum			12.78			

- 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	1.66	96.8	-	0.00
10	4,106	4,109	-2.59	96.8	-	0.00
13	3,099	3,103	0.01	96.8	-	0.00
2	2,609	2,613	1.57	96.8	-	0.00
3	1,597	1,604	5.98	96.8	-	0.00
4	1,551	1,558	6.24	96.8	-	0.00
5	1,991	1,996	4.01	96.8	-	0.00
6	2,311	2,316	2.67	96.8	-	0.00
7	3,179	3,182	-0.23	96.8	-	0.00
8	4,213	4,215	-2.82	96.8	-	0.00
9	3,550	3,554	-1.24	96.8	-	0.00
Sum			12.83			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
1	2,583	2,587	1.86	97.0	-	0.00
10	4,106	4,109	-2.39	97.0	-	0.00
13	3,099	3,103	0.21	97.0	-	0.00
2	2,609	2,613	1.77	97.0	-	0.00
3	1,597	1,604	6.18	97.0	-	0.00
4	1,551	1,558	6.44	97.0	-	0.00
5	1,991	1,996	4.21	97.0	-	0.00
6	2,311	2,316	2.87	97.0	-	0.00
7	3,179	3,182	-0.03	97.0	-	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	-2.62	97.0	-	0.00
9	3,550	3,554	-1.04	97.0	-	0.00
Sum			13.03			

- 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	0.32	96.8	-	0.00
10	4,604	4,607	-3.65	96.8	-	0.00
13	3,597	3,601	-1.36	96.8	-	0.00
2	3,073	3,077	0.08	96.8	-	0.00
3	1,888	1,894	4.48	96.8	-	0.00
4	1,960	1,966	4.15	96.8	-	0.00
5	2,468	2,473	2.07	96.8	-	0.00
6	2,666	2,671	1.38	96.8	-	0.00
7	3,607	3,610	-1.39	96.8	-	0.00
8	4,711	4,714	-3.87	96.8	-	0.00
9	4,050	4,053	-2.46	96.8	-	0.00
Sum			11.26			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
1	2,994	2,998	0.52	97.0	-	0.00
10	4,604	4,607	-3.45	97.0	-	0.00
13	3,597	3,601	-1.16	97.0	-	0.00
2	3,073	3,077	0.28	97.0	-	0.00
3	1,888	1,894	4.68	97.0	-	0.00
4	1,960	1,966	4.35	97.0	-	0.00
5	2,468	2,473	2.27	97.0	-	0.00
6	2,666	2,671	1.58	97.0	-	0.00
7	3,607	3,610	-1.19	97.0	-	0.00
8	4,711	4,714	-3.67	97.0	-	0.00
9	4,050	4,053	-2.26	97.0	-	0.00
Sum			11.46			

- 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	0.66	96.8	-	0.00
10	2,449	2,454	2.14	96.8	-	0.00
13	2,018	2,024	3.89	96.8	-	0.00
2	2,417	2,422	2.26	96.8	-	0.00
3	2,896	2,900	0.62	96.8	-	0.00
4	2,380	2,385	2.40	96.8	-	0.00
5	1,944	1,951	4.22	96.8	-	0.00
6	3,056	3,060	0.13	96.8	-	0.00
7	3,156	3,160	-0.16	96.8	-	0.00
8	2,881	2,885	0.67	96.8	-	0.00
9	2,100	2,106	3.53	96.8	-	0.00
Sum			12.52			

- Data undefined due to calculation with octave data

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Calculation: Nordex N163 - 7.0 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	2,886	2,890	0.86	97.0	-	0.00
10	2,449	2,454	2.34	97.0	-	0.00
13	2,018	2,024	4.09	97.0	-	0.00
2	2,417	2,422	2.46	97.0	-	0.00
3	2,896	2,900	0.82	97.0	-	0.00
4	2,380	2,385	2.60	97.0	-	0.00
5	1,944	1,951	4.42	97.0	-	0.00
6	3,056	3,060	0.33	97.0	-	0.00
7	3,156	3,160	0.04	97.0	-	0.00
8	2,881	2,885	0.87	97.0	-	0.00
9	2,100	2,106	3.73	97.0	-	0.00
Sum			12.72			

- 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	1.07	96.8	-	0.00
10	4,591	4,594	-3.62	96.8	-	0.00
13	3,528	3,531	-1.18	96.8	-	0.00
2	2,904	2,908	0.60	96.8	-	0.00
3	1,577	1,585	6.08	96.8	-	0.00
4	1,737	1,744	5.22	96.8	-	0.00
5	2,336	2,341	2.57	96.8	-	0.00
6	2,383	2,388	2.39	96.8	-	0.00
7	3,382	3,386	-0.79	96.8	-	0.00
8	4,639	4,642	-3.72	96.8	-	0.00
9	4,017	4,020	-2.38	96.8	-	0.00
Sum			12.15			

- 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	2,756	2,760	1.27	97.0	-	0.00
10	4,591	4,594	-3.42	97.0	-	0.00
13	3,528	3,531	-0.98	97.0	-	0.00
2	2,904	2,908	0.80	97.0	-	0.00
3	1,577	1,585	6.28	97.0	-	0.00
4	1,737	1,744	5.42	97.0	-	0.00
5	2,336	2,341	2.77	97.0	-	0.00
6	2,383	2,388	2.59	97.0	-	0.00
7	3,382	3,386	-0.59	97.0	-	0.00
8	4,639	4,642	-3.52	97.0	-	0.00
9	4,017	4,020	-2.18	97.0	-	0.00
Sum			12.35			

- 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	1.70	96.8	-	0.00
10	3,718	3,721	-1.66	96.8	-	0.00
13	2,792	2,796	0.96	96.8	-	0.00
2	2,470	2,475	2.07	96.8	-	0.00
3	1,820	1,826	4.81	96.8	-	0.00
4	1,598	1,604	5.97	96.8	-	0.00
5	1,825	1,831	4.79	96.8	-	0.00
6	2,409	2,414	2.29	96.8	-	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	-0.05	96.8	-	0.00
8	3,892	3,895	-2.09	96.8	-	0.00
9	3,189	3,192	-0.25	96.8	-	0.00
Sum			12.85			

- 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	2,573	2,577	1.90	97.0	-	0.00
10	3,718	3,721	-1.46	97.0	-	0.00
13	2,792	2,796	1.16	97.0	-	0.00
2	2,470	2,475	2.27	97.0	-	0.00
3	1,820	1,826	5.01	97.0	-	0.00
4	1,598	1,604	6.17	97.0	-	0.00
5	1,825	1,831	4.99	97.0	-	0.00
6	2,409	2,414	2.49	97.0	-	0.00
7	3,118	3,121	0.15	97.0	-	0.00
8	3,892	3,895	-1.89	97.0	-	0.00
9	3,189	3,192	-0.05	97.0	-	0.00
Sum			13.05			

- 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	4.93	96.8	-	0.00
10	4,612	4,615	-3.67	96.8	-	0.00
13	3,470	3,475	-1.03	96.8	-	0.00
2	2,426	2,432	2.23	96.8	-	0.00
3	1,681	1,689	5.51	96.8	-	0.00
4	2,069	2,075	3.66	96.8	-	0.00
5	2,562	2,567	1.74	96.8	-	0.00
6	1,404	1,414	7.10	96.8	-	0.00
7	2,093	2,100	3.55	96.8	-	0.00
8	4,195	4,198	-2.78	96.8	-	0.00
9	4,054	4,058	-2.47	96.8	-	0.00
Sum			13.40			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
1	1,795	1,803	5.13	97.0	-	0.00
10	4,612	4,615	-3.47	97.0	-	0.00
13	3,470	3,475	-0.83	97.0	-	0.00
2	2,426	2,432	2.43	97.0	-	0.00
3	1,681	1,689	5.71	97.0	-	0.00
4	2,069	2,075	3.86	97.0	-	0.00
5	2,562	2,567	1.94	97.0	-	0.00
6	1,404	1,414	7.30	97.0	-	0.00
7	2,093	2,100	3.75	97.0	-	0.00
8	4,195	4,198	-2.58	97.0	-	0.00
9	4,054	4,058	-2.27	97.0	-	0.00
Sum			13.60			

- Data undefined due to calculation with octave data

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DECIBEL - Detailed results

Calculation: Nordex N163 - 7.0 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	1.02	96.8	-	0.00
10	3,691	3,694	-1.60	96.8	-	0.00
13	2,836	2,840	0.81	96.8	-	0.00
2	2,617	2,621	1.55	96.8	-	0.00
3	2,092	2,097	3.57	96.8	-	0.00
4	1,832	1,838	4.75	96.8	-	0.00
5	1,970	1,976	4.10	96.8	-	0.00
6	2,648	2,652	1.44	96.8	-	0.00
7	3,293	3,296	-0.55	96.8	-	0.00
8	3,917	3,920	-2.15	96.8	-	0.00
9	3,188	3,192	-0.25	96.8	-	0.00
Sum			12.11			

- 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	1.22	97.0	-	0.00
10	3,691	3,694	-1.40	97.0	-	0.00
13	2,836	2,840	1.01	97.0	-	0.00
2	2,617	2,621	1.75	97.0	-	0.00
3	2,092	2,097	3.77	97.0	-	0.00
4	1,832	1,838	4.95	97.0	-	0.00
5	1,970	1,976	4.30	97.0	-	0.00
6	2,648	2,652	1.64	97.0	-	0.00
7	3,293	3,296	-0.35	97.0	-	0.00
8	3,917	3,920	-1.95	97.0	-	0.00
9	3,188	3,192	-0.05	97.0	-	0.00
Sum			12.31			

- 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	0.37	96.8	-	0.00
10	4,010	4,012	-2.36	96.8	-	0.00
13	3,142	3,145	-0.12	96.8	-	0.00
2	2,870	2,874	0.71	96.8	-	0.00
3	2,176	2,181	3.21	96.8	-	0.00
4	1,994	2,000	3.99	96.8	-	0.00
5	2,223	2,228	3.02	96.8	-	0.00
6	2,802	2,806	0.93	96.8	-	0.00
7	3,523	3,526	-1.17	96.8	-	0.00
8	4,228	4,231	-2.86	96.8	-	0.00
9	3,504	3,508	-1.12	96.8	-	0.00
Sum			11.37			

- 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	2,978	2,982	0.57	97.0	-	0.00
10	4,010	4,012	-2.16	97.0	-	0.00
13	3,142	3,145	0.08	97.0	-	0.00
2	2,870	2,874	0.91	97.0	-	0.00
3	2,176	2,181	3.41	97.0	-	0.00
4	1,994	2,000	4.19	97.0	-	0.00
5	2,223	2,228	3.22	97.0	-	0.00
6	2,802	2,806	1.13	97.0	-	0.00
7	3,523	3,526	-0.97	97.0	-	0.00

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Calculation: Nordex N163 - 7.0 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	4,228	4,231	-2.66	97.0	-	0.00
9	3,504	3,508	-0.92	97.0	-	0.00
Sum			11.57			

- 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	2.73	96.8	-	0.00
10	5,131	5,134	-4.67	96.8	-	0.00
13	3,953	3,956	-2.23	96.8	-	0.00
2	2,904	2,909	0.60	96.8	-	0.00
3	1,720	1,728	5.31	96.8	-	0.00
4	2,244	2,250	2.93	96.8	-	0.00
5	2,889	2,894	0.64	96.8	-	0.00
6	1,797	1,805	4.92	96.8	-	0.00
7	2,710	2,715	1.23	96.8	-	0.00
8	4,779	4,782	-4.00	96.8	-	0.00
9	4,549	4,552	-3.54	96.8	-	0.00
Sum			11.97			

- 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	2,295	2,301	2.93	97.0	-	0.00
10	5,131	5,134	-4.47	97.0	-	0.00
13	3,953	3,956	-2.03	97.0	-	0.00
2	2,904	2,909	0.80	97.0	-	0.00
3	1,720	1,728	5.51	97.0	-	0.00
4	2,244	2,250	3.13	97.0	-	0.00
5	2,889	2,894	0.84	97.0	-	0.00
6	1,797	1,805	5.12	97.0	-	0.00
7	2,710	2,715	1.43	97.0	-	0.00
8	4,779	4,782	-3.80	97.0	-	0.00
9	4,549	4,552	-3.34	97.0	-	0.00
Sum			12.17			

- 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	0.89	96.8	-	0.00
10	4,673	4,675	-3.79	96.8	-	0.00
13	3,606	3,610	-1.38	96.8	-	0.00
2	2,972	2,976	0.39	96.8	-	0.00
3	1,618	1,625	5.86	96.8	-	0.00
4	1,800	1,806	4.91	96.8	-	0.00
5	2,410	2,414	2.29	96.8	-	0.00
6	2,429	2,434	2.22	96.8	-	0.00
7	3,441	3,444	-0.95	96.8	-	0.00
8	4,717	4,720	-3.88	96.8	-	0.00
9	4,098	4,101	-2.57	96.8	-	0.00
Sum			11.92			

- Data undefined due to calculation with octave data

Project:

Nordex N163 - 7.0 MW

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DECIBEL - Detailed results

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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	2,813	2,817	1.09	97.0	-	0.00
10	4,673	4,675	-3.59	97.0	-	0.00
13	3,606	3,610	-1.18	97.0	-	0.00
2	2,972	2,976	0.59	97.0	-	0.00
3	1,618	1,625	6.06	97.0	-	0.00
4	1,800	1,806	5.11	97.0	-	0.00
5	2,410	2,414	2.49	97.0	-	0.00
6	2,429	2,434	2.42	97.0	-	0.00
7	3,441	3,444	-0.75	97.0	-	0.00
8	4,717	4,720	-3.68	97.0	-	0.00
9	4,098	4,101	-2.37	97.0	-	0.00
Sum			12.12			

- 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	2.81	96.8	-	0.00
10	5,055	5,057	-4.53	96.8	-	0.00
13	3,937	3,941	-2.20	96.8	-	0.00
2	2,903	2,908	0.60	96.8	-	0.00
3	2,183	2,189	3.18	96.8	-	0.00
4	2,588	2,593	1.64	96.8	-	0.00
5	3,073	3,078	0.08	96.8	-	0.00
6	1,915	1,923	4.35	96.8	-	0.00
7	2,500	2,506	1.95	96.8	-	0.00
8	4,601	4,604	-3.65	96.8	-	0.00
9	4,511	4,515	-3.46	96.8	-	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	2,274	2,280	3.01	97.0	-	0.00
10	5,055	5,057	-4.33	97.0	-	0.00
13	3,937	3,941	-2.00	97.0	-	0.00
2	2,903	2,908	0.80	97.0	-	0.00
3	2,183	2,189	3.38	97.0	-	0.00
4	2,588	2,593	1.84	97.0	-	0.00
5	3,073	3,078	0.28	97.0	-	0.00
6	1,915	1,923	4.55	97.0	-	0.00
7	2,500	2,506	2.15	97.0	-	0.00
8	4,601	4,604	-3.45	97.0	-	0.00
9	4,511	4,515	-3.26	97.0	-	0.00
Sum			11.58			

- 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	2.71	96.8	-	0.00
10	4,281	4,284	-2.97	96.8	-	0.00
13	3,175	3,179	-0.22	96.8	-	0.00
2	2,482	2,487	2.02	96.8	-	0.00
3	1,112	1,123	9.15	96.8	-	0.00
4	1,295	1,304	7.82	96.8	-	0.00
5	1,946	1,952	4.21	96.8	-	0.00
6	1,917	1,923	4.35	96.8	-	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 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	0.52	96.8	-	0.00
8	4,278	4,281	-2.97	96.8	-	0.00
9	3,693	3,697	-1.61	96.8	-	0.00
Sum			14.29			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
1	2,300	2,305	2.91	97.0	-	0.00
10	4,281	4,284	-2.77	97.0	-	0.00
13	3,175	3,179	-0.02	97.0	-	0.00
2	2,482	2,487	2.22	97.0	-	0.00
3	1,112	1,123	9.35	97.0	-	0.00
4	1,295	1,304	8.02	97.0	-	0.00
5	1,946	1,952	4.41	97.0	-	0.00
6	1,917	1,923	4.55	97.0	-	0.00
7	2,929	2,933	0.72	97.0	-	0.00
8	4,278	4,281	-2.77	97.0	-	0.00
9	3,693	3,697	-1.41	97.0	-	0.00
Sum			14.49			

- 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	2.29	96.8	-	0.00
10	5,198	5,201	-4.79	96.8	-	0.00
13	4,004	4,008	-2.35	96.8	-	0.00
2	2,977	2,982	0.37	96.8	-	0.00
3	1,560	1,569	6.17	96.8	-	0.00
4	2,132	2,138	3.39	96.8	-	0.00
5	2,852	2,857	0.76	96.8	-	0.00
6	1,868	1,876	4.57	96.8	-	0.00
7	2,906	2,911	0.59	96.8	-	0.00
8	4,909	4,912	-4.25	96.8	-	0.00
9	4,602	4,605	-3.65	96.8	-	0.00
Sum			12.05			

- 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	2.49	97.0	-	0.00
10	5,198	5,201	-4.59	97.0	-	0.00
13	4,004	4,008	-2.15	97.0	-	0.00
2	2,977	2,982	0.57	97.0	-	0.00
3	1,560	1,569	6.37	97.0	-	0.00
4	2,132	2,138	3.59	97.0	-	0.00
5	2,852	2,857	0.96	97.0	-	0.00
6	1,868	1,876	4.77	97.0	-	0.00
7	2,906	2,911	0.79	97.0	-	0.00
8	4,909	4,912	-4.05	97.0	-	0.00
9	4,602	4,605	-3.45	97.0	-	0.00
Sum			12.25			

- Data undefined due to calculation with octave data

Project:

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DECIBEL - Detailed results

Calculation: Nordex N163 - 7.0 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	2.96	96.8	-	0.00
10	4,988	4,991	-4.40	96.8	-	0.00
13	3,886	3,890	-2.08	96.8	-	0.00
2	2,862	2,867	0.73	96.8	-	0.00
3	2,240	2,246	2.95	96.8	-	0.00
4	2,616	2,622	1.54	96.8	-	0.00
5	3,066	3,071	0.10	96.8	-	0.00
6	1,912	1,920	4.36	96.8	-	0.00
7	2,424	2,430	2.23	96.8	-	0.00
8	4,518	4,522	-3.48	96.8	-	0.00
9	4,454	4,457	-3.34	96.8	-	0.00
Sum			11.42			

- 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	3.16	97.0	-	0.00
10	4,988	4,991	-4.20	97.0	-	0.00
13	3,886	3,890	-1.88	97.0	-	0.00
2	2,862	2,867	0.93	97.0	-	0.00
3	2,240	2,246	3.15	97.0	-	0.00
4	2,616	2,622	1.74	97.0	-	0.00
5	3,066	3,071	0.30	97.0	-	0.00
6	1,912	1,920	4.56	97.0	-	0.00
7	2,424	2,430	2.43	97.0	-	0.00
8	4,518	4,522	-3.28	97.0	-	0.00
9	4,454	4,457	-3.14	97.0	-	0.00
Sum			11.62			

- 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	6.10	96.8	-	0.00
10	4,410	4,413	-3.25	96.8	-	0.00
13	3,237	3,241	-0.39	96.8	-	0.00
2	2,186	2,193	3.16	96.8	-	0.00
3	1,222	1,233	8.32	96.8	-	0.00
4	1,652	1,660	5.66	96.8	-	0.00
5	2,220	2,227	3.02	96.8	-	0.00
6	1,090	1,103	9.31	96.8	-	0.00
7	1,995	2,002	3.99	96.8	-	0.00
8	4,055	4,058	-2.47	96.8	-	0.00
9	3,832	3,835	-1.95	96.8	-	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	1,572	1,581	6.30	97.0	-	0.00
10	4,410	4,413	-3.05	97.0	-	0.00
13	3,237	3,241	-0.19	97.0	-	0.00
2	2,186	2,193	3.36	97.0	-	0.00
3	1,222	1,233	8.52	97.0	-	0.00
4	1,652	1,660	5.86	97.0	-	0.00
5	2,220	2,227	3.22	97.0	-	0.00
6	1,090	1,103	9.51	97.0	-	0.00
7	1,995	2,002	4.19	97.0	-	0.00

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DECIBEL - Detailed results

Calculation: Nordex N163 - 7.0 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	-2.27	97.0	-	0.00
9	3,832	3,835	-1.75	97.0	-	0.00
Sum			15.29			

- 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	3.48	96.8	-	0.00
10	4,101	4,104	-2.57	96.8	-	0.00
13	2,987	2,991	0.34	96.8	-	0.00
2	2,287	2,292	2.76	96.8	-	0.00
3	957	970	10.45	96.8	-	0.00
4	1,101	1,112	9.23	96.8	-	0.00
5	1,753	1,760	5.14	96.8	-	0.00
6	1,744	1,751	5.19	96.8	-	0.00
7	2,740	2,744	1.13	96.8	-	0.00
8	4,087	4,090	-2.54	96.8	-	0.00
9	3,511	3,514	-1.14	96.8	-	0.00
Sum			15.37			

- 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	2,112	2,118	3.68	97.0	-	0.00
10	4,101	4,104	-2.37	97.0	-	0.00
13	2,987	2,991	0.54	97.0	-	0.00
2	2,287	2,292	2.96	97.0	-	0.00
3	957	970	10.65	97.0	-	0.00
4	1,101	1,112	9.43	97.0	-	0.00
5	1,753	1,760	5.34	97.0	-	0.00
6	1,744	1,751	5.39	97.0	-	0.00
7	2,740	2,744	1.33	97.0	-	0.00
8	4,087	4,090	-2.34	97.0	-	0.00
9	3,511	3,514	-0.94	97.0	-	0.00
Sum			15.57			

- 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	2.76	96.8	-	0.00
10	5,055	5,058	-4.53	96.8	-	0.00
13	3,944	3,948	-2.21	96.8	-	0.00
2	2,914	2,919	0.56	96.8	-	0.00
3	2,229	2,236	2.99	96.8	-	0.00
4	2,625	2,630	1.51	96.8	-	0.00
5	3,098	3,102	0.01	96.8	-	0.00
6	1,941	1,948	4.23	96.8	-	0.00
7	2,496	2,502	1.97	96.8	-	0.00
8	4,594	4,597	-3.63	96.8	-	0.00
9	4,516	4,519	-3.47	96.8	-	0.00
Sum			11.30			

- Data undefined due to calculation with octave data

Project:

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Calculation: Nordex N163 - 7.0 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	2.96	97.0	-	0.00
10	5,055	5,058	-4.33	97.0	-	0.00
13	3,944	3,948	-2.01	97.0	-	0.00
2	2,914	2,919	0.76	97.0	-	0.00
3	2,229	2,236	3.19	97.0	-	0.00
4	2,625	2,630	1.71	97.0	-	0.00
5	3,098	3,102	0.21	97.0	-	0.00
6	1,941	1,948	4.43	97.0	-	0.00
7	2,496	2,502	2.17	97.0	-	0.00
8	4,594	4,597	-3.43	97.0	-	0.00
9	4,516	4,519	-3.27	97.0	-	0.00
Sum			11.50			

- 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	6.62	96.8	-	0.00
10	4,276	4,280	-2.96	96.8	-	0.00
13	3,148	3,152	-0.14	96.8	-	0.00
2	2,111	2,118	3.48	96.8	-	0.00
3	1,584	1,593	6.04	96.8	-	0.00
4	1,887	1,894	4.48	96.8	-	0.00
5	2,301	2,307	2.71	96.8	-	0.00
6	1,150	1,162	8.84	96.8	-	0.00
7	1,744	1,753	5.18	96.8	-	0.00
8	3,848	3,851	-1.98	96.8	-	0.00
9	3,726	3,730	-1.69	96.8	-	0.00
Sum			14.66			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
1	1,482	1,491	6.82	97.0	-	0.00
10	4,276	4,280	-2.76	97.0	-	0.00
13	3,148	3,152	0.06	97.0	-	0.00
2	2,111	2,118	3.68	97.0	-	0.00
3	1,584	1,593	6.24	97.0	-	0.00
4	1,887	1,894	4.68	97.0	-	0.00
5	2,301	2,307	2.91	97.0	-	0.00
6	1,150	1,162	9.04	97.0	-	0.00
7	1,744	1,753	5.38	97.0	-	0.00
8	3,848	3,851	-1.78	97.0	-	0.00
9	3,726	3,730	-1.49	97.0	-	0.00
Sum			14.86			

- 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	8.03	96.8	-	0.00
10	4,052	4,055	-2.46	96.8	-	0.00
13	2,925	2,930	0.53	96.8	-	0.00
2	1,891	1,899	4.46	96.8	-	0.00
3	1,492	1,501	6.57	96.8	-	0.00
4	1,736	1,744	5.22	96.8	-	0.00
5	2,103	2,110	3.51	96.8	-	0.00
6	966	981	10.35	96.8	-	0.00

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Project:

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DECIBEL - Detailed results

Calculation: Nordex N163 - 7.0 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	1,532	6.39	96.8	-	0.00
8	3,625	3,629	-1.43	96.8	-	0.00
9	3,502	3,506	-1.12	96.8	-	0.00
Sum			15.76			

- 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	1,263	1,274	8.23	97.0	-	0.00
10	4,052	4,055	-2.26	97.0	-	0.00
13	2,925	2,930	0.73	97.0	-	0.00
2	1,891	1,899	4.66	97.0	-	0.00
3	1,492	1,501	6.77	97.0	-	0.00
4	1,736	1,744	5.42	97.0	-	0.00
5	2,103	2,110	3.71	97.0	-	0.00
6	966	981	10.55	97.0	-	0.00
7	1,523	1,532	6.59	97.0	-	0.00
8	3,625	3,629	-1.23	97.0	-	0.00
9	3,502	3,506	-0.92	97.0	-	0.00
Sum			15.96			

- 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	11.51	96.8	-	0.00
10	3,494	3,498	-1.09	96.8	-	0.00
13	2,407	2,413	2.30	96.8	-	0.00
2	1,421	1,431	6.99	96.8	-	0.00
3	1,616	1,625	5.86	96.8	-	0.00
4	1,649	1,657	5.68	96.8	-	0.00
5	1,782	1,790	4.99	96.8	-	0.00
6	844	860	11.51	96.8	-	0.00
7	933	948	10.65	96.8	-	0.00
8	3,036	3,040	0.19	96.8	-	0.00
9	2,965	2,969	0.41	96.8	-	0.00
Sum			17.80			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
1	844	860	11.71	97.0	-	0.00
10	3,494	3,498	-0.89	97.0	-	0.00
13	2,407	2,413	2.50	97.0	-	0.00
2	1,421	1,431	7.19	97.0	-	0.00
3	1,616	1,625	6.06	97.0	-	0.00
4	1,649	1,657	5.88	97.0	-	0.00
5	1,782	1,790	5.19	97.0	-	0.00
6	844	860	11.71	97.0	-	0.00
7	933	948	10.85	97.0	-	0.00
8	3,036	3,040	0.39	97.0	-	0.00
9	2,965	2,969	0.61	97.0	-	0.00
Sum			18.00			

- Data undefined due to calculation with octave data

Project:

Nordex N163 - 7.0 MW

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DECIBEL - Detailed results

Calculation: Nordex N163 - 7.0 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	1,958	4.19	96.8	-	0.00
10	4,770	4,773	-3.98	96.8	-	0.00
13	3,626	3,630	-1.44	96.8	-	0.00
2	2,581	2,586	1.67	96.8	-	0.00
3	1,773	1,781	5.03	96.8	-	0.00
4	2,187	2,194	3.16	96.8	-	0.00
5	2,703	2,708	1.25	96.8	-	0.00
6	1,546	1,556	6.25	96.8	-	0.00
7	2,252	2,258	2.90	96.8	-	0.00
8	4,354	4,357	-3.13	96.8	-	0.00
9	4,211	4,214	-2.82	96.8	-	0.00
Sum			12.78			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
1	1,950	1,958	4.39	97.0	-	0.00
10	4,770	4,773	-3.78	97.0	-	0.00
13	3,626	3,630	-1.24	97.0	-	0.00
2	2,581	2,586	1.87	97.0	-	0.00
3	1,773	1,781	5.23	97.0	-	0.00
4	2,187	2,194	3.36	97.0	-	0.00
5	2,703	2,708	1.45	97.0	-	0.00
6	1,546	1,556	6.45	97.0	-	0.00
7	2,252	2,258	3.10	97.0	-	0.00
8	4,354	4,357	-2.93	97.0	-	0.00
9	4,211	4,214	-2.62	97.0	-	0.00
Sum			12.98			

- 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	4.74	96.8	-	0.00
10	4,560	4,563	-3.56	96.8	-	0.00
13	3,466	3,470	-1.02	96.8	-	0.00
2	2,452	2,458	2.13	96.8	-	0.00
3	2,003	2,010	3.95	96.8	-	0.00
4	2,310	2,317	2.67	96.8	-	0.00
5	2,695	2,700	1.28	96.8	-	0.00
6	1,558	1,567	6.18	96.8	-	0.00
7	1,994	2,001	3.99	96.8	-	0.00
8	4,087	4,090	-2.54	96.8	-	0.00
9	4,029	4,033	-2.41	96.8	-	0.00
Sum			12.86			

- 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	4.94	97.0	-	0.00
10	4,560	4,563	-3.36	97.0	-	0.00
13	3,466	3,470	-0.82	97.0	-	0.00
2	2,452	2,458	2.33	97.0	-	0.00
3	2,003	2,010	4.15	97.0	-	0.00
4	2,310	2,317	2.87	97.0	-	0.00
5	2,695	2,700	1.48	97.0	-	0.00
6	1,558	1,567	6.38	97.0	-	0.00
7	1,994	2,001	4.19	97.0	-	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 5:15 pm/4.0.547

DECIBEL - Detailed results

Calculation: Nordex N163 - 7.0 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	4,087	4,090	-2.34	97.0	-	0.00
9	4,029	4,033	-2.21	97.0	-	0.00
Sum			13.06			

- 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	1.42	96.8	-	0.00
10	4,427	4,430	-3.29	96.8	-	0.00
13	3,373	3,376	-0.77	96.8	-	0.00
2	2,774	2,779	1.01	96.8	-	0.00
3	1,517	1,525	6.42	96.8	-	0.00
4	1,626	1,633	5.81	96.8	-	0.00
5	2,194	2,200	3.14	96.8	-	0.00
6	2,305	2,310	2.69	96.8	-	0.00
7	3,275	3,279	-0.50	96.8	-	0.00
8	4,486	4,488	-3.41	96.8	-	0.00
9	3,856	3,859	-2.00	96.8	-	0.00
Sum			12.57			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
1	2,654	2,659	1.62	97.0	-	0.00
10	4,427	4,430	-3.09	97.0	-	0.00
13	3,373	3,376	-0.57	97.0	-	0.00
2	2,774	2,779	1.21	97.0	-	0.00
3	1,517	1,525	6.62	97.0	-	0.00
4	1,626	1,633	6.01	97.0	-	0.00
5	2,194	2,200	3.34	97.0	-	0.00
6	2,305	2,310	2.89	97.0	-	0.00
7	3,275	3,279	-0.30	97.0	-	0.00
8	4,486	4,488	-3.21	97.0	-	0.00
9	3,856	3,859	-1.80	97.0	-	0.00
Sum			12.77			

- Data undefined due to calculation with octave data