

Project:

Nordex N175-6.8 MW

Licensed user:

SIA Estonian, Latvian & Lithuanian environment

Vilandes 3-6

LV-1010 Riga

0037167242411

Kristiana / kristiana@environment.lv

Calculated:

04/04/2025 5:03 pm/4.0.547

DECIBEL - Detailed results

Calculation: Nordex N175 - 6.8 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	-2.39	97.4	-	0.00
10	1,729	1,737	6.15	97.4	-	0.00
13	2,893	2,898	1.53	97.4	-	0.00
2	3,871	3,874	-1.12	97.4	-	0.00
3	5,478	5,480	-4.35	97.4	-	0.00
4	4,931	4,934	-3.36	97.4	-	0.00
5	4,152	4,156	-1.77	97.4	-	0.00
6	4,975	4,978	-3.45	97.4	-	0.00
7	4,047	4,051	-1.53	97.4	-	0.00
8	1,948	1,956	5.09	97.4	-	0.00
9	2,326	2,332	3.50	97.4	-	0.00
Sum			11.76			

- 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	4,441	4,444	-2.39	97.4	-	0.00
10	1,729	1,737	6.15	97.4	-	0.00
13	2,893	2,898	1.53	97.4	-	0.00
2	3,871	3,874	-1.12	97.4	-	0.00
3	5,478	5,480	-4.35	97.4	-	0.00
4	4,931	4,934	-3.36	97.4	-	0.00
5	4,152	4,156	-1.77	97.4	-	0.00
6	4,975	4,978	-3.45	97.4	-	0.00
7	4,047	4,051	-1.53	97.4	-	0.00
8	1,948	1,956	5.09	97.4	-	0.00
9	2,326	2,332	3.50	97.4	-	0.00
Sum			11.76			

- 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	1,599	6.89	97.4	-	0.00
10	4,429	4,432	-2.37	97.4	-	0.00
13	3,261	3,266	0.45	97.4	-	0.00
2	2,210	2,217	3.96	97.4	-	0.00
3	1,301	1,313	8.64	97.4	-	0.00
4	1,718	1,727	6.20	97.4	-	0.00
5	2,267	2,274	3.73	97.4	-	0.00
6	1,126	1,140	9.90	97.4	-	0.00
7	1,988	1,996	4.90	97.4	-	0.00
8	4,060	4,064	-1.56	97.4	-	0.00
9	3,854	3,858	-1.08	97.4	-	0.00
Sum			15.71			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
1	1,589	1,599	6.89	97.4	-	0.00
10	4,429	4,432	-2.37	97.4	-	0.00
13	3,261	3,266	0.45	97.4	-	0.00

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WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
2	2,210	2,217	3.96	97.4	-	0.00
3	1,301	1,313	8.64	97.4	-	0.00
4	1,718	1,727	6.20	97.4	-	0.00
5	2,267	2,274	3.73	97.4	-	0.00
6	1,126	1,140	9.90	97.4	-	0.00
7	1,988	1,996	4.90	97.4	-	0.00
8	4,060	4,064	-1.56	97.4	-	0.00
9	3,854	3,858	-1.08	97.4	-	0.00
Sum			15.71			

- 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	3.80	97.4	-	0.00
10	4,200	4,204	-1.88	97.4	-	0.00
13	3,098	3,102	0.91	97.4	-	0.00
2	2,417	2,423	3.16	97.4	-	0.00
3	1,088	1,101	10.20	97.4	-	0.00
4	1,236	1,248	9.10	97.4	-	0.00
5	1,873	1,881	5.44	97.4	-	0.00
6	1,881	1,889	5.40	97.4	-	0.00
7	2,877	2,882	1.58	97.4	-	0.00
8	4,202	4,205	-1.88	97.4	-	0.00
9	3,613	3,617	-0.49	97.4	-	0.00
Sum			15.43			

- 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	2,250	2,256	3.80	97.4	-	0.00
10	4,200	4,204	-1.88	97.4	-	0.00
13	3,098	3,102	0.91	97.4	-	0.00
2	2,417	2,423	3.16	97.4	-	0.00
3	1,088	1,101	10.20	97.4	-	0.00
4	1,236	1,248	9.10	97.4	-	0.00
5	1,873	1,881	5.44	97.4	-	0.00
6	1,881	1,889	5.40	97.4	-	0.00
7	2,877	2,882	1.58	97.4	-	0.00
8	4,202	4,205	-1.88	97.4	-	0.00
9	3,613	3,617	-0.49	97.4	-	0.00
Sum			15.43			

- 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	0.09	97.4	-	0.00
10	879	897	12.02	97.4	-	0.00
13	1,907	1,915	5.28	97.4	-	0.00
2	2,836	2,841	1.72	97.4	-	0.00
3	4,468	4,471	-2.45	97.4	-	0.00
4	3,937	3,941	-1.28	97.4	-	0.00
5	3,169	3,174	0.71	97.4	-	0.00
6	3,930	3,934	-1.26	97.4	-	0.00
7	2,987	2,993	1.24	97.4	-	0.00
8	891	908	11.91	97.4	-	0.00
9	1,395	1,406	8.04	97.4	-	0.00
Sum			16.84			

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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	0.09	97.4	-	0.00
10	879	897	12.02	97.4	-	0.00
13	1,907	1,915	5.28	97.4	-	0.00
2	2,836	2,841	1.72	97.4	-	0.00
3	4,468	4,471	-2.45	97.4	-	0.00
4	3,937	3,941	-1.28	97.4	-	0.00
5	3,169	3,174	0.71	97.4	-	0.00
6	3,930	3,934	-1.26	97.4	-	0.00
7	2,987	2,993	1.24	97.4	-	0.00
8	891	908	11.91	97.4	-	0.00
9	1,395	1,406	8.04	97.4	-	0.00
Sum			16.84			

- 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	3,119	0.87	97.4	-	0.00
10	5,236	5,239	-3.92	97.4	-	0.00
13	4,125	4,129	-1.71	97.4	-	0.00
2	3,383	3,387	0.11	97.4	-	0.00
3	1,830	1,838	5.64	97.4	-	0.00
4	2,180	2,187	4.08	97.4	-	0.00
5	2,883	2,889	1.56	97.4	-	0.00
6	2,651	2,657	2.32	97.4	-	0.00
7	3,749	3,753	-0.83	97.4	-	0.00
8	5,223	5,226	-3.90	97.4	-	0.00
9	4,648	4,651	-2.81	97.4	-	0.00
Sum			11.60			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
1	3,114	3,119	0.87	97.4	-	0.00
10	5,236	5,239	-3.92	97.4	-	0.00
13	4,125	4,129	-1.71	97.4	-	0.00
2	3,383	3,387	0.11	97.4	-	0.00
3	1,830	1,838	5.64	97.4	-	0.00
4	2,180	2,187	4.08	97.4	-	0.00
5	2,883	2,889	1.56	97.4	-	0.00
6	2,651	2,657	2.32	97.4	-	0.00
7	3,749	3,753	-0.83	97.4	-	0.00
8	5,223	5,226	-3.90	97.4	-	0.00
9	4,648	4,651	-2.81	97.4	-	0.00
Sum			11.60			

- 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	2,994	1.24	97.4	-	0.00
10	4,961	4,964	-3.42	97.4	-	0.00
13	3,877	3,881	-1.14	97.4	-	0.00
2	3,197	3,202	0.63	97.4	-	0.00
3	1,742	1,751	6.08	97.4	-	0.00
4	2,004	2,012	4.83	97.4	-	0.00
5	2,659	2,665	2.30	97.4	-	0.00
6	2,567	2,573	2.61	97.4	-	0.00

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DECIBEL - Detailed results

Calculation: Nordex N175 - 6.8 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	3,623	3,627	-0.52	97.4	-	0.00
8	4,984	4,987	-3.46	97.4	-	0.00
9	4,381	4,384	-2.27	97.4	-	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	2,989	2,994	1.24	97.4	-	0.00
10	4,961	4,964	-3.42	97.4	-	0.00
13	3,877	3,881	-1.14	97.4	-	0.00
2	3,197	3,202	0.63	97.4	-	0.00
3	1,742	1,751	6.08	97.4	-	0.00
4	2,004	2,012	4.83	97.4	-	0.00
5	2,659	2,665	2.30	97.4	-	0.00
6	2,567	2,573	2.61	97.4	-	0.00
7	3,623	3,627	-0.52	97.4	-	0.00
8	4,984	4,987	-3.46	97.4	-	0.00
9	4,381	4,384	-2.27	97.4	-	0.00
Sum			12.11			

- 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	2.61	97.4	-	0.00
10	3,572	3,576	-0.38	97.4	-	0.00
13	2,679	2,684	2.23	97.4	-	0.00
2	2,422	2,428	3.14	97.4	-	0.00
3	1,906	1,913	5.28	97.4	-	0.00
4	1,631	1,639	6.67	97.4	-	0.00
5	1,775	1,783	5.92	97.4	-	0.00
6	2,446	2,452	3.05	97.4	-	0.00
7	3,092	3,097	0.93	97.4	-	0.00
8	3,770	3,774	-0.88	97.4	-	0.00
9	3,054	3,058	1.04	97.4	-	0.00
Sum			13.76			

- 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	2,570	2,575	2.61	97.4	-	0.00
10	3,572	3,576	-0.38	97.4	-	0.00
13	2,679	2,684	2.23	97.4	-	0.00
2	2,422	2,428	3.14	97.4	-	0.00
3	1,906	1,913	5.28	97.4	-	0.00
4	1,631	1,639	6.67	97.4	-	0.00
5	1,775	1,783	5.92	97.4	-	0.00
6	2,446	2,452	3.05	97.4	-	0.00
7	3,092	3,097	0.93	97.4	-	0.00
8	3,770	3,774	-0.88	97.4	-	0.00
9	3,054	3,058	1.04	97.4	-	0.00
Sum			13.76			

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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	2,940	1.40	97.4	-	0.00
10	2,303	2,310	3.59	97.4	-	0.00
13	1,955	1,963	5.06	97.4	-	0.00
2	2,437	2,443	3.08	97.4	-	0.00
3	3,020	3,024	1.15	97.4	-	0.00
4	2,489	2,495	2.89	97.4	-	0.00
5	2,004	2,012	4.83	97.4	-	0.00
6	3,137	3,141	0.80	97.4	-	0.00
7	3,169	3,174	0.71	97.4	-	0.00
8	2,766	2,771	1.94	97.4	-	0.00
9	1,987	1,994	4.91	97.4	-	0.00
Sum			13.47			

- 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	2,940	1.40	97.4	-	0.00
10	2,303	2,310	3.59	97.4	-	0.00
13	1,955	1,963	5.06	97.4	-	0.00
2	2,437	2,443	3.08	97.4	-	0.00
3	3,020	3,024	1.15	97.4	-	0.00
4	2,489	2,495	2.89	97.4	-	0.00
5	2,004	2,012	4.83	97.4	-	0.00
6	3,137	3,141	0.80	97.4	-	0.00
7	3,169	3,174	0.71	97.4	-	0.00
8	2,766	2,771	1.94	97.4	-	0.00
9	1,987	1,994	4.91	97.4	-	0.00
Sum			13.47			

- 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	2,588	2.56	97.4	-	0.00
10	4,106	4,110	-1.67	97.4	-	0.00
13	3,099	3,104	0.91	97.4	-	0.00
2	2,609	2,614	2.47	97.4	-	0.00
3	1,597	1,605	6.86	97.4	-	0.00
4	1,551	1,559	7.12	97.4	-	0.00
5	1,991	1,997	4.90	97.4	-	0.00
6	2,311	2,317	3.56	97.4	-	0.00
7	3,179	3,183	0.68	97.4	-	0.00
8	4,213	4,216	-1.90	97.4	-	0.00
9	3,550	3,554	-0.33	97.4	-	0.00
Sum			13.73			

- 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	2,583	2,588	2.56	97.4	-	0.00
10	4,106	4,110	-1.67	97.4	-	0.00
13	3,099	3,104	0.91	97.4	-	0.00
2	2,609	2,614	2.47	97.4	-	0.00
3	1,597	1,605	6.86	97.4	-	0.00
4	1,551	1,559	7.12	97.4	-	0.00
5	1,991	1,997	4.90	97.4	-	0.00
6	2,311	2,317	3.56	97.4	-	0.00
7	3,179	3,183	0.68	97.4	-	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	4,216	-1.90	97.4	-	0.00
9	3,550	3,554	-0.33	97.4	-	0.00
Sum			13.73			

- 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	2,999	1.22	97.4	-	0.00
10	4,604	4,607	-2.73	97.4	-	0.00
13	3,597	3,601	-0.45	97.4	-	0.00
2	3,073	3,077	0.99	97.4	-	0.00
3	1,888	1,895	5.37	97.4	-	0.00
4	1,960	1,967	5.04	97.4	-	0.00
5	2,468	2,474	2.97	97.4	-	0.00
6	2,666	2,671	2.28	97.4	-	0.00
7	3,607	3,611	-0.47	97.4	-	0.00
8	4,711	4,714	-2.94	97.4	-	0.00
9	4,050	4,053	-1.54	97.4	-	0.00
Sum			12.16			

- 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	2,999	1.22	97.4	-	0.00
10	4,604	4,607	-2.73	97.4	-	0.00
13	3,597	3,601	-0.45	97.4	-	0.00
2	3,073	3,077	0.99	97.4	-	0.00
3	1,888	1,895	5.37	97.4	-	0.00
4	1,960	1,967	5.04	97.4	-	0.00
5	2,468	2,474	2.97	97.4	-	0.00
6	2,666	2,671	2.28	97.4	-	0.00
7	3,607	3,611	-0.47	97.4	-	0.00
8	4,711	4,714	-2.94	97.4	-	0.00
9	4,050	4,053	-1.54	97.4	-	0.00
Sum			12.16			

- 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	2,891	1.56	97.4	-	0.00
10	2,449	2,455	3.04	97.4	-	0.00
13	2,018	2,025	4.78	97.4	-	0.00
2	2,417	2,423	3.16	97.4	-	0.00
3	2,896	2,901	1.53	97.4	-	0.00
4	2,380	2,386	3.30	97.4	-	0.00
5	1,944	1,952	5.11	97.4	-	0.00
6	3,056	3,061	1.04	97.4	-	0.00
7	3,156	3,161	0.74	97.4	-	0.00
8	2,881	2,886	1.57	97.4	-	0.00
9	2,100	2,106	4.42	97.4	-	0.00
Sum			13.42			

- Data undefined due to calculation with octave data

Project:

Nordex N175-6.8 MW

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Calculation: Nordex N175 - 6.8 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	2,891	1.56	97.4	-	0.00
10	2,449	2,455	3.04	97.4	-	0.00
13	2,018	2,025	4.78	97.4	-	0.00
2	2,417	2,423	3.16	97.4	-	0.00
3	2,896	2,901	1.53	97.4	-	0.00
4	2,380	2,386	3.30	97.4	-	0.00
5	1,944	1,952	5.11	97.4	-	0.00
6	3,056	3,061	1.04	97.4	-	0.00
7	3,156	3,161	0.74	97.4	-	0.00
8	2,881	2,886	1.57	97.4	-	0.00
9	2,100	2,106	4.42	97.4	-	0.00
Sum			13.42			

- 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	2,761	1.98	97.4	-	0.00
10	4,591	4,594	-2.70	97.4	-	0.00
13	3,528	3,532	-0.27	97.4	-	0.00
2	2,904	2,909	1.50	97.4	-	0.00
3	1,577	1,586	6.97	97.4	-	0.00
4	1,737	1,745	6.11	97.4	-	0.00
5	2,336	2,342	3.47	97.4	-	0.00
6	2,383	2,388	3.29	97.4	-	0.00
7	3,382	3,386	0.11	97.4	-	0.00
8	4,639	4,642	-2.80	97.4	-	0.00
9	4,017	4,021	-1.46	97.4	-	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	2,756	2,761	1.98	97.4	-	0.00
10	4,591	4,594	-2.70	97.4	-	0.00
13	3,528	3,532	-0.27	97.4	-	0.00
2	2,904	2,909	1.50	97.4	-	0.00
3	1,577	1,586	6.97	97.4	-	0.00
4	1,737	1,745	6.11	97.4	-	0.00
5	2,336	2,342	3.47	97.4	-	0.00
6	2,383	2,388	3.29	97.4	-	0.00
7	3,382	3,386	0.11	97.4	-	0.00
8	4,639	4,642	-2.80	97.4	-	0.00
9	4,017	4,021	-1.46	97.4	-	0.00
Sum			13.04			

- 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	2,578	2.60	97.4	-	0.00
10	3,718	3,721	-0.75	97.4	-	0.00
13	2,792	2,797	1.86	97.4	-	0.00
2	2,470	2,475	2.97	97.4	-	0.00
3	1,820	1,827	5.70	97.4	-	0.00
4	1,598	1,605	6.85	97.4	-	0.00
5	1,825	1,832	5.68	97.4	-	0.00
6	2,409	2,414	3.19	97.4	-	0.00

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Project:

Nordex N175-6.8 MW

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Calculation: Nordex N175 - 6.8 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]
7	3,118	3,122	0.86	97.4	-	0.00
8	3,892	3,896	-1.17	97.4	-	0.00
9	3,189	3,193	0.65	97.4	-	0.00
Sum			13.74			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
1	2,573	2,578	2.60	97.4	-	0.00
10	3,718	3,721	-0.75	97.4	-	0.00
13	2,792	2,797	1.86	97.4	-	0.00
2	2,470	2,475	2.97	97.4	-	0.00
3	1,820	1,827	5.70	97.4	-	0.00
4	1,598	1,605	6.85	97.4	-	0.00
5	1,825	1,832	5.68	97.4	-	0.00
6	2,409	2,414	3.19	97.4	-	0.00
7	3,118	3,122	0.86	97.4	-	0.00
8	3,892	3,896	-1.17	97.4	-	0.00
9	3,189	3,193	0.65	97.4	-	0.00
Sum			13.74			

- 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	1,804	5.81	97.4	-	0.00
10	4,612	4,615	-2.74	97.4	-	0.00
13	3,470	3,475	-0.12	97.4	-	0.00
2	2,426	2,433	3.12	97.4	-	0.00
3	1,681	1,690	6.39	97.4	-	0.00
4	2,069	2,076	4.55	97.4	-	0.00
5	2,562	2,568	2.63	97.4	-	0.00
6	1,404	1,415	7.98	97.4	-	0.00
7	2,093	2,101	4.44	97.4	-	0.00
8	4,195	4,199	-1.87	97.4	-	0.00
9	4,054	4,058	-1.55	97.4	-	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	1,795	1,804	5.81	97.4	-	0.00
10	4,612	4,615	-2.74	97.4	-	0.00
13	3,470	3,475	-0.12	97.4	-	0.00
2	2,426	2,433	3.12	97.4	-	0.00
3	1,681	1,690	6.39	97.4	-	0.00
4	2,069	2,076	4.55	97.4	-	0.00
5	2,562	2,568	2.63	97.4	-	0.00
6	1,404	1,415	7.98	97.4	-	0.00
7	2,093	2,101	4.44	97.4	-	0.00
8	4,195	4,199	-1.87	97.4	-	0.00
9	4,054	4,058	-1.55	97.4	-	0.00
Sum			14.29			

- Data undefined due to calculation with octave data

Project:

Nordex N175-6.8 MW

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DECIBEL - Detailed results

Calculation: Nordex N175 - 6.8 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	2,778	1.92	97.4	-	0.00
10	3,691	3,694	-0.68	97.4	-	0.00
13	2,836	2,841	1.72	97.4	-	0.00
2	2,617	2,621	2.45	97.4	-	0.00
3	2,092	2,098	4.46	97.4	-	0.00
4	1,832	1,839	5.64	97.4	-	0.00
5	1,970	1,977	4.99	97.4	-	0.00
6	2,648	2,652	2.34	97.4	-	0.00
7	3,293	3,296	0.36	97.4	-	0.00
8	3,917	3,920	-1.23	97.4	-	0.00
9	3,188	3,192	0.65	97.4	-	0.00
Sum			13.01			

- 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	2,773	2,778	1.92	97.4	-	0.00
10	3,691	3,694	-0.68	97.4	-	0.00
13	2,836	2,841	1.72	97.4	-	0.00
2	2,617	2,621	2.45	97.4	-	0.00
3	2,092	2,098	4.46	97.4	-	0.00
4	1,832	1,839	5.64	97.4	-	0.00
5	1,970	1,977	4.99	97.4	-	0.00
6	2,648	2,652	2.34	97.4	-	0.00
7	3,293	3,296	0.36	97.4	-	0.00
8	3,917	3,920	-1.23	97.4	-	0.00
9	3,188	3,192	0.65	97.4	-	0.00
Sum			13.01			

- 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	1.27	97.4	-	0.00
10	4,010	4,013	-1.45	97.4	-	0.00
13	3,142	3,146	0.79	97.4	-	0.00
2	2,870	2,874	1.61	97.4	-	0.00
3	2,176	2,181	4.11	97.4	-	0.00
4	1,994	2,001	4.88	97.4	-	0.00
5	2,223	2,229	3.91	97.4	-	0.00
6	2,802	2,806	1.83	97.4	-	0.00
7	3,523	3,527	-0.26	97.4	-	0.00
8	4,228	4,232	-1.94	97.4	-	0.00
9	3,504	3,508	-0.21	97.4	-	0.00
Sum			12.27			

- 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	1.27	97.4	-	0.00
10	4,010	4,013	-1.45	97.4	-	0.00
13	3,142	3,146	0.79	97.4	-	0.00
2	2,870	2,874	1.61	97.4	-	0.00
3	2,176	2,181	4.11	97.4	-	0.00
4	1,994	2,001	4.88	97.4	-	0.00
5	2,223	2,229	3.91	97.4	-	0.00
6	2,802	2,806	1.83	97.4	-	0.00
7	3,523	3,527	-0.26	97.4	-	0.00

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Project:

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DECIBEL - Detailed results

Calculation: Nordex N175 - 6.8 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	4,232	-1.94	97.4	-	0.00
9	3,504	3,508	-0.21	97.4	-	0.00
Sum			12.27			

- 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	2,302	3.62	97.4	-	0.00
10	5,131	5,134	-3.73	97.4	-	0.00
13	3,953	3,957	-1.32	97.4	-	0.00
2	2,904	2,909	1.50	97.4	-	0.00
3	1,720	1,729	6.19	97.4	-	0.00
4	2,244	2,251	3.82	97.4	-	0.00
5	2,889	2,895	1.54	97.4	-	0.00
6	1,797	1,806	5.80	97.4	-	0.00
7	2,710	2,715	2.13	97.4	-	0.00
8	4,779	4,782	-3.07	97.4	-	0.00
9	4,549	4,553	-2.62	97.4	-	0.00
Sum			12.87			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
1	2,295	2,302	3.62	97.4	-	0.00
10	5,131	5,134	-3.73	97.4	-	0.00
13	3,953	3,957	-1.32	97.4	-	0.00
2	2,904	2,909	1.50	97.4	-	0.00
3	1,720	1,729	6.19	97.4	-	0.00
4	2,244	2,251	3.82	97.4	-	0.00
5	2,889	2,895	1.54	97.4	-	0.00
6	1,797	1,806	5.80	97.4	-	0.00
7	2,710	2,715	2.13	97.4	-	0.00
8	4,779	4,782	-3.07	97.4	-	0.00
9	4,549	4,553	-2.62	97.4	-	0.00
Sum			12.87			

- 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	2,818	1.79	97.4	-	0.00
10	4,673	4,676	-2.86	97.4	-	0.00
13	3,606	3,610	-0.47	97.4	-	0.00
2	2,972	2,977	1.29	97.4	-	0.00
3	1,618	1,626	6.74	97.4	-	0.00
4	1,800	1,807	5.80	97.4	-	0.00
5	2,410	2,415	3.19	97.4	-	0.00
6	2,429	2,435	3.11	97.4	-	0.00
7	3,441	3,445	-0.04	97.4	-	0.00
8	4,717	4,720	-2.95	97.4	-	0.00
9	4,098	4,101	-1.65	97.4	-	0.00
Sum			12.81			

- Data undefined due to calculation with octave data

Project:

Nordex N175-6.8 MW

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DECIBEL - Detailed results

Calculation: Nordex N175 - 6.8 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	2,818	1.79	97.4	-	0.00
10	4,673	4,676	-2.86	97.4	-	0.00
13	3,606	3,610	-0.47	97.4	-	0.00
2	2,972	2,977	1.29	97.4	-	0.00
3	1,618	1,626	6.74	97.4	-	0.00
4	1,800	1,807	5.80	97.4	-	0.00
5	2,410	2,415	3.19	97.4	-	0.00
6	2,429	2,435	3.11	97.4	-	0.00
7	3,441	3,445	-0.04	97.4	-	0.00
8	4,717	4,720	-2.95	97.4	-	0.00
9	4,098	4,101	-1.65	97.4	-	0.00
Sum			12.81			

- 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	2,281	3.70	97.4	-	0.00
10	5,055	5,058	-3.60	97.4	-	0.00
13	3,937	3,941	-1.28	97.4	-	0.00
2	2,903	2,909	1.50	97.4	-	0.00
3	2,183	2,190	4.07	97.4	-	0.00
4	2,588	2,594	2.54	97.4	-	0.00
5	3,073	3,079	0.98	97.4	-	0.00
6	1,915	1,924	5.24	97.4	-	0.00
7	2,500	2,507	2.85	97.4	-	0.00
8	4,601	4,605	-2.72	97.4	-	0.00
9	4,511	4,515	-2.54	97.4	-	0.00
Sum			12.28			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
1	2,274	2,281	3.70	97.4	-	0.00
10	5,055	5,058	-3.60	97.4	-	0.00
13	3,937	3,941	-1.28	97.4	-	0.00
2	2,903	2,909	1.50	97.4	-	0.00
3	2,183	2,190	4.07	97.4	-	0.00
4	2,588	2,594	2.54	97.4	-	0.00
5	3,073	3,079	0.98	97.4	-	0.00
6	1,915	1,924	5.24	97.4	-	0.00
7	2,500	2,507	2.85	97.4	-	0.00
8	4,601	4,605	-2.72	97.4	-	0.00
9	4,511	4,515	-2.54	97.4	-	0.00
Sum			12.28			

- 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	2,306	3.61	97.4	-	0.00
10	4,281	4,285	-2.05	97.4	-	0.00
13	3,175	3,180	0.69	97.4	-	0.00
2	2,482	2,488	2.92	97.4	-	0.00
3	1,112	1,125	10.02	97.4	-	0.00
4	1,295	1,305	8.70	97.4	-	0.00
5	1,946	1,953	5.10	97.4	-	0.00
6	1,917	1,924	5.23	97.4	-	0.00

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Project:

Nordex N175-6.8 MW

Licensed user:

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Vilandes 3-6

LV-1010 Riga

0037167242411

Kristiana / kristiana@environment.lv

Calculated:

04/04/2025 5:03 pm/4.0.547

DECIBEL - Detailed results

Calculation: Nordex N175 - 6.8 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	2,934	1.42	97.4	-	0.00
8	4,278	4,281	-2.04	97.4	-	0.00
9	3,693	3,697	-0.69	97.4	-	0.00
Sum			15.18			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
1	2,300	2,306	3.61	97.4	-	0.00
10	4,281	4,285	-2.05	97.4	-	0.00
13	3,175	3,180	0.69	97.4	-	0.00
2	2,482	2,488	2.92	97.4	-	0.00
3	1,112	1,125	10.02	97.4	-	0.00
4	1,295	1,305	8.70	97.4	-	0.00
5	1,946	1,953	5.10	97.4	-	0.00
6	1,917	1,924	5.23	97.4	-	0.00
7	2,929	2,934	1.42	97.4	-	0.00
8	4,278	4,281	-2.04	97.4	-	0.00
9	3,693	3,697	-0.69	97.4	-	0.00
Sum			15.18			

- 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	2,416	3.18	97.4	-	0.00
10	5,198	5,201	-3.86	97.4	-	0.00
13	4,004	4,008	-1.44	97.4	-	0.00
2	2,977	2,982	1.27	97.4	-	0.00
3	1,560	1,570	7.05	97.4	-	0.00
4	2,132	2,139	4.28	97.4	-	0.00
5	2,852	2,857	1.66	97.4	-	0.00
6	1,868	1,877	5.46	97.4	-	0.00
7	2,906	2,911	1.49	97.4	-	0.00
8	4,909	4,912	-3.32	97.4	-	0.00
9	4,602	4,606	-2.72	97.4	-	0.00
Sum			12.94			

- 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	2,409	2,416	3.18	97.4	-	0.00
10	5,198	5,201	-3.86	97.4	-	0.00
13	4,004	4,008	-1.44	97.4	-	0.00
2	2,977	2,982	1.27	97.4	-	0.00
3	1,560	1,570	7.05	97.4	-	0.00
4	2,132	2,139	4.28	97.4	-	0.00
5	2,852	2,857	1.66	97.4	-	0.00
6	1,868	1,877	5.46	97.4	-	0.00
7	2,906	2,911	1.49	97.4	-	0.00
8	4,909	4,912	-3.32	97.4	-	0.00
9	4,602	4,606	-2.72	97.4	-	0.00
Sum			12.94			

- Data undefined due to calculation with octave data

DECIBEL - Detailed results

Calculation: Nordex N175 - 6.8 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	2,244	3.85	97.4	-	0.00
10	4,988	4,992	-3.47	97.4	-	0.00
13	3,886	3,890	-1.16	97.4	-	0.00
2	2,862	2,868	1.63	97.4	-	0.00
3	2,240	2,247	3.84	97.4	-	0.00
4	2,616	2,622	2.44	97.4	-	0.00
5	3,066	3,071	1.01	97.4	-	0.00
6	1,912	1,921	5.25	97.4	-	0.00
7	2,424	2,431	3.13	97.4	-	0.00
8	4,518	4,522	-2.55	97.4	-	0.00
9	4,454	4,458	-2.42	97.4	-	0.00
Sum			12.32			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
1	2,237	2,244	3.85	97.4	-	0.00
10	4,988	4,992	-3.47	97.4	-	0.00
13	3,886	3,890	-1.16	97.4	-	0.00
2	2,862	2,868	1.63	97.4	-	0.00
3	2,240	2,247	3.84	97.4	-	0.00
4	2,616	2,622	2.44	97.4	-	0.00
5	3,066	3,071	1.01	97.4	-	0.00
6	1,912	1,921	5.25	97.4	-	0.00
7	2,424	2,431	3.13	97.4	-	0.00
8	4,518	4,522	-2.55	97.4	-	0.00
9	4,454	4,458	-2.42	97.4	-	0.00
Sum			12.32			

- 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	1,582	6.98	97.4	-	0.00
10	4,410	4,414	-2.33	97.4	-	0.00
13	3,237	3,242	0.51	97.4	-	0.00
2	2,186	2,194	4.06	97.4	-	0.00
3	1,222	1,235	9.19	97.4	-	0.00
4	1,652	1,662	6.55	97.4	-	0.00
5	2,220	2,228	3.92	97.4	-	0.00
6	1,090	1,105	10.18	97.4	-	0.00
7	1,995	2,003	4.87	97.4	-	0.00
8	4,055	4,059	-1.55	97.4	-	0.00
9	3,832	3,836	-1.03	97.4	-	0.00
Sum			15.97			

- 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	1,572	1,582	6.98	97.4	-	0.00
10	4,410	4,414	-2.33	97.4	-	0.00
13	3,237	3,242	0.51	97.4	-	0.00
2	2,186	2,194	4.06	97.4	-	0.00
3	1,222	1,235	9.19	97.4	-	0.00
4	1,652	1,662	6.55	97.4	-	0.00
5	2,220	2,228	3.92	97.4	-	0.00
6	1,090	1,105	10.18	97.4	-	0.00
7	1,995	2,003	4.87	97.4	-	0.00

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DECIBEL - Detailed results

Calculation: Nordex N175 - 6.8 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	4,059	-1.55	97.4	-	0.00
9	3,832	3,836	-1.03	97.4	-	0.00
Sum			15.97			

- 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	2,119	4.37	97.4	-	0.00
10	4,101	4,105	-1.66	97.4	-	0.00
13	2,987	2,992	1.25	97.4	-	0.00
2	2,287	2,293	3.66	97.4	-	0.00
3	957	971	11.32	97.4	-	0.00
4	1,101	1,114	10.10	97.4	-	0.00
5	1,753	1,761	6.03	97.4	-	0.00
6	1,744	1,752	6.07	97.4	-	0.00
7	2,740	2,745	2.03	97.4	-	0.00
8	4,087	4,091	-1.62	97.4	-	0.00
9	3,511	3,515	-0.23	97.4	-	0.00
Sum			16.25			

- 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	2,119	4.37	97.4	-	0.00
10	4,101	4,105	-1.66	97.4	-	0.00
13	2,987	2,992	1.25	97.4	-	0.00
2	2,287	2,293	3.66	97.4	-	0.00
3	957	971	11.32	97.4	-	0.00
4	1,101	1,114	10.10	97.4	-	0.00
5	1,753	1,761	6.03	97.4	-	0.00
6	1,744	1,752	6.07	97.4	-	0.00
7	2,740	2,745	2.03	97.4	-	0.00
8	4,087	4,091	-1.62	97.4	-	0.00
9	3,511	3,515	-0.23	97.4	-	0.00
Sum			16.25			

- 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	2,293	3.66	97.4	-	0.00
10	5,055	5,058	-3.60	97.4	-	0.00
13	3,944	3,948	-1.30	97.4	-	0.00
2	2,914	2,920	1.47	97.4	-	0.00
3	2,229	2,236	3.88	97.4	-	0.00
4	2,625	2,631	2.41	97.4	-	0.00
5	3,098	3,103	0.91	97.4	-	0.00
6	1,941	1,949	5.12	97.4	-	0.00
7	2,496	2,502	2.87	97.4	-	0.00
8	4,594	4,597	-2.71	97.4	-	0.00
9	4,516	4,519	-2.55	97.4	-	0.00
Sum			12.20			

- Data undefined due to calculation with octave data

Project:

Nordex N175-6.8 MW

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Vilandes 3-6

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DECIBEL - Detailed results

Calculation: Nordex N175 - 6.8 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	2,293	3.66	97.4	-	0.00
10	5,055	5,058	-3.60	97.4	-	0.00
13	3,944	3,948	-1.30	97.4	-	0.00
2	2,914	2,920	1.47	97.4	-	0.00
3	2,229	2,236	3.88	97.4	-	0.00
4	2,625	2,631	2.41	97.4	-	0.00
5	3,098	3,103	0.91	97.4	-	0.00
6	1,941	1,949	5.12	97.4	-	0.00
7	2,496	2,502	2.87	97.4	-	0.00
8	4,594	4,597	-2.71	97.4	-	0.00
9	4,516	4,519	-2.55	97.4	-	0.00
Sum			12.20			

- 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	1,493	7.50	97.4	-	0.00
10	4,276	4,280	-2.04	97.4	-	0.00
13	3,148	3,153	0.77	97.4	-	0.00
2	2,111	2,119	4.37	97.4	-	0.00
3	1,584	1,594	6.92	97.4	-	0.00
4	1,887	1,895	5.37	97.4	-	0.00
5	2,301	2,307	3.60	97.4	-	0.00
6	1,150	1,164	9.72	97.4	-	0.00
7	1,744	1,754	6.07	97.4	-	0.00
8	3,848	3,852	-1.07	97.4	-	0.00
9	3,726	3,730	-0.77	97.4	-	0.00
Sum			15.55			

- 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	1,482	1,493	7.50	97.4	-	0.00
10	4,276	4,280	-2.04	97.4	-	0.00
13	3,148	3,153	0.77	97.4	-	0.00
2	2,111	2,119	4.37	97.4	-	0.00
3	1,584	1,594	6.92	97.4	-	0.00
4	1,887	1,895	5.37	97.4	-	0.00
5	2,301	2,307	3.60	97.4	-	0.00
6	1,150	1,164	9.72	97.4	-	0.00
7	1,744	1,754	6.07	97.4	-	0.00
8	3,848	3,852	-1.07	97.4	-	0.00
9	3,726	3,730	-0.77	97.4	-	0.00
Sum			15.55			

- 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	1,276	8.90	97.4	-	0.00
10	4,052	4,056	-1.54	97.4	-	0.00
13	2,925	2,930	1.43	97.4	-	0.00
2	1,891	1,900	5.35	97.4	-	0.00
3	1,492	1,502	7.45	97.4	-	0.00
4	1,736	1,745	6.11	97.4	-	0.00
5	2,103	2,111	4.40	97.4	-	0.00
6	966	983	11.21	97.4	-	0.00

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Project:

Nordex N175-6.8 MW

Licensed user:

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Calculated:

04/04/2025 5:03 pm/4.0.547

DECIBEL - Detailed results

Calculation: Nordex N175 - 6.8 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	1,533	7.27	97.4	-	0.00
8	3,625	3,629	-0.52	97.4	-	0.00
9	3,502	3,506	-0.21	97.4	-	0.00
Sum			16.63			

- 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	1,263	1,276	8.90	97.4	-	0.00
10	4,052	4,056	-1.54	97.4	-	0.00
13	2,925	2,930	1.43	97.4	-	0.00
2	1,891	1,900	5.35	97.4	-	0.00
3	1,492	1,502	7.45	97.4	-	0.00
4	1,736	1,745	6.11	97.4	-	0.00
5	2,103	2,111	4.40	97.4	-	0.00
6	966	983	11.21	97.4	-	0.00
7	1,523	1,533	7.27	97.4	-	0.00
8	3,625	3,629	-0.52	97.4	-	0.00
9	3,502	3,506	-0.21	97.4	-	0.00
Sum			16.63			

- 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	862	12.37	97.4	-	0.00
10	3,494	3,498	-0.18	97.4	-	0.00
13	2,407	2,414	3.19	97.4	-	0.00
2	1,421	1,432	7.87	97.4	-	0.00
3	1,616	1,626	6.74	97.4	-	0.00
4	1,649	1,658	6.56	97.4	-	0.00
5	1,782	1,791	5.88	97.4	-	0.00
6	844	862	12.37	97.4	-	0.00
7	933	950	11.51	97.4	-	0.00
8	3,036	3,041	1.10	97.4	-	0.00
9	2,965	2,970	1.31	97.4	-	0.00
Sum			18.67			

- 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	844	862	12.37	97.4	-	0.00
10	3,494	3,498	-0.18	97.4	-	0.00
13	2,407	2,414	3.19	97.4	-	0.00
2	1,421	1,432	7.87	97.4	-	0.00
3	1,616	1,626	6.74	97.4	-	0.00
4	1,649	1,658	6.56	97.4	-	0.00
5	1,782	1,791	5.88	97.4	-	0.00
6	844	862	12.37	97.4	-	0.00
7	933	950	11.51	97.4	-	0.00
8	3,036	3,041	1.10	97.4	-	0.00
9	2,965	2,970	1.31	97.4	-	0.00
Sum			18.67			

- Data undefined due to calculation with octave data

Project:

Nordex N175-6.8 MW

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Calculated:

04/04/2025 5:03 pm/4.0.547

DECIBEL - Detailed results

Calculation: Nordex N175 - 6.8 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	5.07	97.4	-	0.00
10	4,770	4,773	-3.05	97.4	-	0.00
13	3,626	3,631	-0.53	97.4	-	0.00
2	2,581	2,587	2.57	97.4	-	0.00
3	1,773	1,782	5.92	97.4	-	0.00
4	2,187	2,194	4.05	97.4	-	0.00
5	2,703	2,709	2.15	97.4	-	0.00
6	1,546	1,557	7.13	97.4	-	0.00
7	2,252	2,259	3.79	97.4	-	0.00
8	4,354	4,357	-2.21	97.4	-	0.00
9	4,211	4,215	-1.90	97.4	-	0.00
Sum			13.67			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
1	1,950	1,958	5.07	97.4	-	0.00
10	4,770	4,773	-3.05	97.4	-	0.00
13	3,626	3,631	-0.53	97.4	-	0.00
2	2,581	2,587	2.57	97.4	-	0.00
3	1,773	1,782	5.92	97.4	-	0.00
4	2,187	2,194	4.05	97.4	-	0.00
5	2,703	2,709	2.15	97.4	-	0.00
6	1,546	1,557	7.13	97.4	-	0.00
7	2,252	2,259	3.79	97.4	-	0.00
8	4,354	4,357	-2.21	97.4	-	0.00
9	4,211	4,215	-1.90	97.4	-	0.00
Sum			13.67			

- 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	1,841	5.63	97.4	-	0.00
10	4,560	4,563	-2.64	97.4	-	0.00
13	3,466	3,470	-0.11	97.4	-	0.00
2	2,452	2,458	3.03	97.4	-	0.00
3	2,003	2,011	4.84	97.4	-	0.00
4	2,310	2,317	3.56	97.4	-	0.00
5	2,695	2,701	2.18	97.4	-	0.00
6	1,558	1,568	7.07	97.4	-	0.00
7	1,994	2,002	4.88	97.4	-	0.00
8	4,087	4,091	-1.62	97.4	-	0.00
9	4,029	4,033	-1.49	97.4	-	0.00
Sum			13.75			

- Data undefined due to calculation with octave data

Wind speed: 8.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
1	1,833	1,841	5.63	97.4	-	0.00
10	4,560	4,563	-2.64	97.4	-	0.00
13	3,466	3,470	-0.11	97.4	-	0.00
2	2,452	2,458	3.03	97.4	-	0.00
3	2,003	2,011	4.84	97.4	-	0.00
4	2,310	2,317	3.56	97.4	-	0.00
5	2,695	2,701	2.18	97.4	-	0.00
6	1,558	1,568	7.07	97.4	-	0.00
7	1,994	2,002	4.88	97.4	-	0.00

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Project:

Nordex N175-6.8 MW

Licensed user:

SIA Estonian, Latvian & Lithuanian environment

Vilandes 3-6

LV-1010 Riga

0037167242411

Kristiana / kristiana@environment.lv

Calculated:

04/04/2025 5:03 pm/4.0.547

DECIBEL - Detailed results

Calculation: Nordex N175 - 6.8 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	4,087	4,091	-1.62	97.4	-	0.00
9	4,029	4,033	-1.49	97.4	-	0.00
Sum			13.75			

- Data undefined due to calculation with octave data

Noise sensitive area: 74440070333001 Priež lejas Noise sensitive point: Danish 2019 low frequency - Regular dwellings (31)

Wind speed: 6.0 m/s

WTG

No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Aatm [dB]	Agr [dB]
1	2,654	2,659	2.32	97.4	-	0.00
10	4,427	4,431	-2.36	97.4	-	0.00
13	3,373	3,377	0.14	97.4	-	0.00
2	2,774	2,779	1.92	97.4	-	0.00
3	1,517	1,526	7.30	97.4	-	0.00
4	1,626	1,634	6.69	97.4	-	0.00
5	2,194	2,200	4.03	97.4	-	0.00
6	2,305	2,311	3.58	97.4	-	0.00
7	3,275	3,279	0.41	97.4	-	0.00
8	4,486	4,489	-2.48	97.4	-	0.00
9	3,856	3,860	-1.09	97.4	-	0.00
Sum			13.46			

- 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	2.32	97.4	-	0.00
10	4,427	4,431	-2.36	97.4	-	0.00
13	3,373	3,377	0.14	97.4	-	0.00
2	2,774	2,779	1.92	97.4	-	0.00
3	1,517	1,526	7.30	97.4	-	0.00
4	1,626	1,634	6.69	97.4	-	0.00
5	2,194	2,200	4.03	97.4	-	0.00
6	2,305	2,311	3.58	97.4	-	0.00
7	3,275	3,279	0.41	97.4	-	0.00
8	4,486	4,489	-2.48	97.4	-	0.00
9	3,856	3,860	-1.09	97.4	-	0.00
Sum			13.46			

- Data undefined due to calculation with octave data