

Valka Nordex N163-7.0 MW

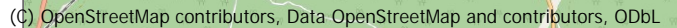
SIA Estonian, Latvian & Lithuanian
environment
Vilandes 3-6
LV-1010 Riga
0037167242411
Kristiana / kristiana@environment.lv

12/02/2026 6:12 pm/4.2.285


Calculation: Nordex N163-7.0 MW STE

Danish low frequency 2024

All coordinates are in
Geo [deg]-WGS84



 New WTG

 Noise sensitive area

Longitude	Latitude	Z	Row data/Description	WTG type			Power, rated	Rotor diameter	Hub height	Noise data		First wind speed [m/s]	LwaRef	Last wind speed [m/s]	LwaRef					
				Valid	Manufact.	Type-generator				Creator	Name									
							[kW]	[m]	[m]											
1 26.002476° E	57.745102° N	52.6	NORDEX N163/6 X 7000 163.0 1...Yes	Yes	NORDEX	N163/6 X-7000	7,000	163.0	164.0	EMD	N163_6_X_R11_HH164_STE	STE	Mode 0	6.0	96.7	g	8.0	97.0	g	
2 26.021050° E	57.740334° N	57.8	NORDEX N163/6 X 7000 163.0 1...Yes	Yes	NORDEX	N163/6 X-7000	7,000	163.0	163.0	164.0	EMD	N163_6_X_R11_HH164_STE	STE	Mode 0	6.0	96.7	g	8.0	97.0	g
3 26.007827° E	57.738204° N	53.5	NORDEX N163/6 X 7000 163.0 1...Yes	Yes	NORDEX	N163/6 X-7000	7,000	163.0	163.0	164.0	EMD	N163_6_X_R11_HH164_STE	STE	Mode 0	6.0	96.7	g	8.0	97.0	g
4 26.025238° E	57.734158° N	61.6	NORDEX N163/6 X 7000 163.0 1...Yes	Yes	NORDEX	N163/6 X-7000	7,000	163.0	163.0	164.0	EMD	N163_6_X_R11_HH164_STE	STE	Mode 0	6.0	96.7	g	8.0	97.0	g
5 25.991873° E	57.743248° N	53.8	NORDEX N163/6 X 7000 163.0 1...Yes	Yes	NORDEX	N163/6 X-7000	7,000	163.0	163.0	164.0	EMD	N163_6_X_R11_HH164_STE	STE	Mode 0	6.0	96.7	g	8.0	97.0	g
6 25.983967° E	57.738166° N	62.5	NORDEX N163/6 X 7000 163.0 1...Yes	Yes	NORDEX	N163/6 X-7000	7,000	163.0	163.0	164.0	EMD	N163_6_X_R11_HH164_STE	STE	Mode 0	6.0	96.7	g	8.0	97.0	g
7 25.983601° E	57.732315° N	64.2	NORDEX N163/6 X 7000 163.0 1...Yes	Yes	NORDEX	N163/6 X-7000	7,000	163.0	163.0	164.0	EMD	N163_6_X_R11_HH164_STE	STE	Mode 0	6.0	96.7	g	8.0	97.0	g
8 25.990386° E	57.735401° N	62.0	NORDEX N163/6 X 7000 163.0 1...Yes	Yes	NORDEX	N163/6 X-7000	7,000	163.0	163.0	164.0	EMD	N163_6_X_R11_HH164_STE	STE	Mode 0	6.0	96.7	g	8.0	97.0	g
9 25.996031° E	57.739863° N	54.4	NORDEX N163/6 X 7000 163.0 1...Yes	Yes	NORDEX	N163/6 X-7000	7,000	163.0	163.0	164.0	EMD	N163_6_X_R11_HH164_STE	STE	Mode 0	6.0	96.7	g	8.0	97.0	g
10 26.002455° E	57.732551° N	57.1	NORDEX N163/6 X 7000 163.0 1...Yes	Yes	NORDEX	N163/6 X-7000	7,000	163.0	163.0	164.0	EMD	N163_6_X_R11_HH164_STE	STE	Mode 0	6.0	96.7	g	8.0	97.0	g
11 26.027721° E	57.727139° N	55.1	NORDEX N163/6 X 7000 163.0 1...Yes	Yes	NORDEX	N163/6 X-7000	7,000	163.0	163.0	164.0	EMD	N163_6_X_R11_HH164_STE	STE	Mode 0	6.0	96.7	g	8.0	97.0	g
12 26.020262° E	57.729741° N	52.6	NORDEX N163/6 X 7000 163.0 1...Yes	Yes	NORDEX	N163/6 X-7000	7,000	163.0	163.0	164.0	EMD	N163_6_X_R11_HH164_STE	STE	Mode 0	6.0	96.7	g	8.0	97.0	g
13 26.011807° E	57.729440° N	53.4	NORDEX N163/6 X 7000 163.0 1...Yes	Yes	NORDEX	N163/6 X-7000	7,000	163.0	163.0	164.0	EMD	N163_6_X_R11_HH164_STE	STE	Mode 0	6.0	96.7	g	8.0	97.0	g
14 26.014442° E	57.733659° N	52.6	NORDEX N163/6 X 7000 163.0 1...Yes	Yes	NORDEX	N163/6 X-7000	7,000	163.0	164.0	EMD	N163_6_X_R11_HH164_STE	STE	Mode 0	6.0	96.7	g	8.0	97.0	g	

q) Data calculated from data for other wind speed (uncertain)

Noise sensitive area No.	Name	Longitude	Latitude	Z	Immission height	Wind speed	Demands Noise	Sound level From WtGs	Distance to noise demand	Demands fulfilled ? Noise	
					[m]	[m/s]	[dB(A)]	[dB(A)]	[m]		
94010030212001	Purva iela 9	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (131)	26.005868° E	57.762299° N	55.0	1.5	6.0	20.0	12.0	1,485	Yes
94010030212001	Purva iela 9						8.0	20.0	12.3	1,459	Yes
94010030213001	Purva iela 7	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (130)	26.005089° E	57.762470° N	56.1	1.5	6.0	20.0	12.0	1,499	Yes
94010030213001	Purva iela 7						8.0	20.0	12.2	1,473	Yes
94010030214001	Darza iela 19	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (134)	26.004659° E	57.762736° N	56.8	1.5	6.0	20.0	11.9	1,527	Yes
94010030214001	Darza iela 19						8.0	20.0	12.2	1,500	Yes
94010030215001	Darza iela 17	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (132)	26.004971° E	57.763042° N	57.5	1.5	6.0	20.0	11.8	1,562	Yes
94010030215001	Darza iela 17						8.0	20.0	12.0	1,536	Yes
94010030334001	Darza iela 20A	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (135)	26.004524° E	57.763044° N	57.9	1.5	6.0	20.0	11.8	1,560	Yes
94010030334001	Darza iela 20A						8.0	20.0	12.0	1,534	Yes
94010030335001	Darza iela 22	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (136)	26.004233° E	57.762865° N	57.0	1.5	6.0	20.0	11.8	1,539	Yes
94010030335001	Darza iela 22						8.0	20.0	12.1	1,513	Yes
94010030336001	Purva iela 5	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (133)	26.003025° E	57.763066° N	56.0	1.5	6.0	20.0	11.8	1,557	Yes
94010030336001	Purva iela 5						8.0	20.0	12.0	1,531	Yes
94010040221001	Rigas iela 90	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (142)	25.998319° E	57.762255° N	60.1	1.5	6.0	20.0	12.0	1,475	Yes
94010040221001	Rigas iela 90						8.0	20.0	12.3	1,448	Yes
94010040224001	Indranu iela 5	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (143)	25.980061° E	57.759664° N	62.4	1.5	6.0	20.0	12.1	1,472	Yes
94010040224001	Indranu iela 5						8.0	20.0	12.4	1,443	Yes
9488090006001	Lejas Gerki	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (152)	25.967214° E	57.734707° N	62.1	1.5	6.0	20.0	16.6	400	Yes
9488090006001	Lejas Gerki						8.0	20.0	16.9	375	Yes
9488090010001	Liepkalni	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (158)	25.976726° E	57.735070° N	64.8	1.5	6.0	20.0	21.4	-140	No
9488090010001	Liepkalni						8.0	20.0	21.7	-170	No
9488090011001	Kalngerki	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (147)	25.968263° E	57.739995° N	64.3	1.5	6.0	20.0	16.4	472	Yes
9488090011001	Kalngerki						8.0	20.0	16.7	443	Yes
9488090014001	Lukstini	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (146)	25.964716° E	57.743852° N	65.0	1.5	6.0	20.0	14.5	830	Yes
9488090014001	Lukstini						8.0	20.0	14.8	802	Yes
9488090014002	Lukstini	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (148)	25.965752° E	57.744256° N	64.1	1.5	6.0	20.0	14.7	798	Yes
9488090014002	Lukstini						8.0	20.0	15.0	770	Yes
9488090023001	Gerki	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (154)	25.968861° E	57.739761° N	64.0	1.5	6.0	20.0	16.7	431	Yes
9488090023001	Gerki						8.0	20.0	16.9	402	Yes

Project:

Valka Nordex N163-7.0 MW

Licensed user:

SIA Estonian, Latvian & Lithuanian
environment

Vilandes 3-6

LV-1010 Riga

0037167242411

Kristiana / kristiana@environment.lv

Calculated:

12/02/2026 6:12 pm/4.2.285

DECIBEL - Main Result

Calculation: Nordex N163-7.0 MW STE

...continued from previous page

Noise sensitive area

No.	Name	Longitude	Latitude	Z	Immission height	Wind speed	Noise	From WTGs	Distance to noise demand	Noise	
					[m]	[m/s]	[dB(A)]	[dB(A)]	[m]		
94880090025001	Ausekli	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (144)	25.952010° E	57.740782° N	59.0	1.5	6.0	20.0	12.1	1,433	Yes
94880090025001	Ausekli	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (144)	25.952010° E	57.740782° N	59.0	1.5	8.0	20.0	12.3	1,403	Yes
94880090027001	Saulieš i	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (151)	25.959029° E	57.748169° N	66.4	1.5	6.0	20.0	12.4	1,371	Yes
94880090027001	Saulieš i	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (151)	25.959029° E	57.748169° N	66.4	1.5	8.0	20.0	12.7	1,341	Yes
94880090028001	Vanagi	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (145)	25.972753° E	57.754462° N	61.7	1.5	6.0	20.0	13.0	1,206	Yes
94880090028001	Vanagi	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (145)	25.972753° E	57.754462° N	61.7	1.5	8.0	20.0	13.3	1,177	Yes
94880090035001	Dzelzcelš 162. km	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (150)	25.965946° E	57.733561° N	60.5	1.5	6.0	20.0	16.1	458	Yes
94880090035001	Dzelzcelš 162. km	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (150)	25.965946° E	57.733561° N	60.5	1.5	8.0	20.0	16.4	435	Yes
94880090057001	Pilenieš i	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (149)	25.994921° E	57.752170° N	60.2	1.5	6.0	20.0	16.9	410	Yes
94880090057001	Pilenieš i	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (149)	25.994921° E	57.752170° N	60.2	1.5	8.0	20.0	17.2	379	Yes
94880090062001	Kalnšaldoti	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (153)	25.961806° E	57.749294° N	65.9	1.5	6.0	20.0	12.7	1,314	Yes
94880090062001	Kalnšaldoti	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (153)	25.961806° E	57.749294° N	65.9	1.5	8.0	20.0	13.0	1,283	Yes
94880090063001	Jaunzemes	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (157)	25.964647° E	57.751829° N	67.3	1.5	6.0	20.0	12.6	1,364	Yes
94880090063001	Jaunzemes	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (157)	25.964647° E	57.751829° N	67.3	1.5	8.0	20.0	12.9	1,331	Yes
94880090104001	Staldoti	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (159)	25.960697° E	57.748289° N	66.3	1.5	6.0	20.0	12.7	1,297	Yes
94880090104001	Staldoti	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (159)	25.960697° E	57.748289° N	66.3	1.5	8.0	20.0	13.0	1,268	Yes
94880090120001	Ozolkalni	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (160)	25.961079° E	57.748460° N	66.6	1.5	6.0	20.0	12.7	1,290	Yes
94880090120001	Ozolkalni	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (160)	25.961079° E	57.748460° N	66.6	1.5	8.0	20.0	13.0	1,261	Yes
94880090122001	Jauntligali	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (155)	25.988328° E	57.755105° N	66.7	1.5	6.0	20.0	14.7	829	Yes
94880090122001	Jauntligali	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (155)	25.988328° E	57.755105° N	66.7	1.5	8.0	20.0	15.0	798	Yes
94880090209001	Gailenes	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (156)	25.986802° E	57.755499° N	66.7	1.5	6.0	20.0	14.3	897	Yes
94880090209001	Gailenes	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (156)	25.986802° E	57.755499° N	66.7	1.5	8.0	20.0	14.6	867	Yes
94880100009001	OS i	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (93)	26.042435° E	57.748634° N	77.8	1.5	6.0	20.0	13.3	1,135	Yes
94880100009001	OS i	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (93)	26.042435° E	57.748634° N	77.8	1.5	8.0	20.0	13.6	1,110	Yes
94880100013001	Pinas	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (116)	26.044597° E	57.748940° N	74.6	1.5	6.0	20.0	12.8	1,258	Yes
94880100013001	Pinas	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (116)	26.044597° E	57.748940° N	74.6	1.5	8.0	20.0	13.1	1,233	Yes
94880100013016	Saulites	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (100)	26.044517° E	57.750030° N	71.5	1.5	6.0	20.0	12.6	1,329	Yes
94880100013016	Saulites	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (100)	26.044517° E	57.750030° N	71.5	1.5	8.0	20.0	12.9	1,303	Yes
94880100013018	Gaisini	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (115)	26.042670° E	57.749883° N	75.1	1.5	6.0	20.0	12.9	1,233	Yes
94880100013018	Gaisini	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (115)	26.042670° E	57.749883° N	75.1	1.5	8.0	20.0	13.2	1,207	Yes
94880100025001	Zemgali	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (112)	26.054802° E	57.736508° N	73.0	1.5	6.0	20.0	12.8	1,285	Yes
94880100025001	Zemgali	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (112)	26.054802° E	57.736508° N	73.0	1.5	8.0	20.0	13.1	1,255	Yes
94880100029001	Dravas	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (94)	26.039511° E	57.748386° N	77.9	1.5	6.0	20.0	13.9	982	Yes
94880100029001	Dravas	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (94)	26.039511° E	57.748386° N	77.9	1.5	8.0	20.0	14.2	956	Yes
94880100052001	Vevertzemnieki	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (139)	26.041566° E	57.730954° N	64.8	1.5	6.0	20.0	16.7	440	Yes
94880100052001	Vevertzemnieki	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (139)	26.041566° E	57.730954° N	64.8	1.5	8.0	20.0	17.0	409	Yes
94880100053001	Vecrubeni	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (129)	26.047761° E	57.735261° N	76.3	1.5	6.0	20.0	14.6	850	Yes
94880100053001	Vecrubeni	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (129)	26.047761° E	57.735261° N	76.3	1.5	8.0	20.0	14.9	820	Yes
94880100053007	Rubeni	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (98)	26.048314° E	57.734979° N	76.6	1.5	6.0	20.0	14.5	878	Yes
94880100053007	Rubeni	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (98)	26.048314° E	57.734979° N	76.6	1.5	8.0	20.0	14.8	848	Yes
94880100096001	Zemdegas	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (95)	26.040013° E	57.748299° N	77.7	1.5	6.0	20.0	13.8	999	Yes
94880100096001	Zemdegas	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (95)	26.040013° E	57.748299° N	77.7	1.5	8.0	20.0	14.1	973	Yes
94880100118001	Maja 20	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (122)	26.053549° E	57.744040° N	74.5	1.5	6.0	20.0	12.2	1,494	Yes
94880100118001	Maja 20	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (122)	26.053549° E	57.744040° N	74.5	1.5	8.0	20.0	12.5	1,460	Yes
94880100123001	Maja 20	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (141)	26.052217° E	57.740468° N	73.4	1.5	6.0	20.0	13.0	1,256	Yes
94880100123001	Maja 20	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (141)	26.052217° E	57.740468° N	73.4	1.5	8.0	20.0	13.3	1,226	Yes
94880100148001	Dumini	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (99)	26.034590° E	57.741095° N	67.8	1.5	6.0	20.0	17.5	324	Yes
94880100148001	Dumini	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (99)	26.034590° E	57.741095° N	67.8	1.5	8.0	20.0	17.8	292	Yes
94880100154001	Zveru ferma	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (138)	26.052155° E	57.729410° N	71.6	1.5	6.0	20.0	13.5	1,037	Yes
94880100154001	Zveru ferma	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (138)	26.052155° E	57.729410° N	71.6	1.5	8.0	20.0	13.8	1,011	Yes
94880100169001	Riekstini	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (125)	26.044622° E	57.747591° N	78.1	1.5	6.0	20.0	13.2	1,177	Yes
94880100169001	Riekstini	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (125)	26.044622° E	57.747591° N	78.1	1.5	8.0	20.0	13.4	1,150	Yes
94880100184001	Sietini	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (97)	26.041053° E	57.748157° N	77.8	1.5	6.0	20.0	13.7	1,038	Yes
94880100184001	Sietini	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (97)	26.041053° E	57.748157° N	77.8	1.5	8.0	20.0	13.9	1,012	Yes
94880100185001	Bajari	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (121)	26.042588° E	57.746907° N	78.2	1.5	6.0	20.0	13.7	1,034	Yes
94880100185001	Bajari	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (121)	26.042588° E	57.746907° N	78.2	1.5	8.0	20.0	14.0	1,007	Yes
94880100186001	Ritas	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (96)	26.042279° E	57.747966° N	78.3	1.5	6.0	20.0	13.5	1,083	Yes
94880100186001	Ritas	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (96)	26.042279° E	57.747966° N	78.3	1.5	8.0	20.0	13.8	1,057	Yes
94880100187001	Zeltini	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (111)	26.042828° E	57.747878° N	78.5	1.5	6.0	20.0	13.4	1,104	Yes
94880100187001	Zeltini	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (111)	26.042828° E	57.747878° N	78.5	1.5	8.0	20.0	13.7	1,078	Yes
94880100188001	Kristali	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (118)	26.043314° E	57.747801° N	78.4	1.5	6.0	20.0	13.3	1,123	Yes
94880100188001	Kristali	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (118)	26.043314° E	57.747801° N	78.4	1.5	8.0	20.0	13.6	1,097	Yes
94880100189001	Kastanas	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (113)	26.044074° E	57.747677° N	78.2	1.5	6.0	20.0	13.2	1,154	Yes
94880100189001	Kastanas	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (113)	26.044074° E	57.747677° N	78.2	1.5	8.0	20.0	13.5	1,127	Yes
94880100193001	Gravas	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (114)	26.040564° E	57.748237° N	77.7	1.5	6.0	20.0	13.7	1,020	Yes
94880100193001	Gravas	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (114)	26.040564° E	57.748237° N	77.7	1.5	8.0	20.0	14.0	994	Yes
94880100194001	Noras	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (126)	26.040854° E	57.746939° N	77.9	1.5	6.0	20.0	14.0	948	Yes
94880100194001	Noras	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (126)	26.040854° E	57.746939° N	77.9	1.5	8.0	20.0	14.3	922	Yes
94880100195001	Viteni	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (120)	26.041318° E	57.747115° N	77.9	1.5	6.0	20.0	13.9	982	Yes
94880100195001	Viteni	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (120)	26.041318° E	57.747115° N	77.9	1.5	8.0	20.0	14.2	956	Yes
94880100196001	Latini	Noise sensitive point: Danish 2019 low frequency - Regular dwellings (110)</									

DECIBEL - Main Result

Calculation: Nordex N163-7.0 MW STE

...continued from previous page

Noise sensitive area
No.

Name

Longitude

Latitude

Z

Immission
heightWind
speedDemands
NoiseSound level
From
WTGsDistance
to noise
demandDemands fulfilled ?
Noise

No.	Name	Longitude	Latitude	Z	Immission height	Wind speed	Demands Noise	Sound level From WTGs	Distance to noise demand	Demands fulfilled ? Noise
		[m]			[m]	[m/s]	[dB(A)]	[dB(A)]	[m]	
94880100228001	Mež vini 2					8.0	20.0	12.4	1,497	Yes
94880100229001	Mež vini 1					6.0	20.0	12.1	1,520	Yes
94880100229001	Mež vini 1					8.0	20.0	12.4	1,489	Yes
94880100254001	Maja 22					6.0	20.0	12.3	1,462	Yes
94880100254001	Maja 22					8.0	20.0	12.6	1,428	Yes
94880100255001	Sedaskalni					6.0	20.0	14.8	899	Yes
94880100255001	Sedaskalni					8.0	20.0	15.0	871	Yes
94880100259001	Seli Maja 18					6.0	20.0	12.2	1,511	Yes
94880100259001	Seli Maja 18					8.0	20.0	12.4	1,477	Yes
94880100314001	Vidini					6.0	20.0	13.7	1,038	Yes
94880100314001	Vidini					8.0	20.0	14.0	1,011	Yes

Distances (m)

NSA	WTG	1	2	3	4	5	6	7	8	9	10	11	12	13	14
94010030212001	Purva iela 9	1925	2607	2685	3338	2279	2986	3667	3133	2566	3318	4125	3725	3675	3229
94010030213001	Purva iela 7	1940	2641	2706	3373	2280	2984	3666	3138	2574	3335	4158	3754	3699	3256
94010030214001	Darza iela 19	1968	2678	2738	3409	2299	3000	3683	3160	2598	3363	4194	3789	3731	3289
94010030215001	Darza iela 17	2003	2703	2770	3435	2338	3039	3721	3197	2635	3398	4220	3818	3763	3320
94010030334001	Darza iela 20A	2001	2713	2772	3444	2329	3028	3711	3191	2630	3397	4229	3824	3766	3324
94010030335001	Darza iela 22	1980	2701	2754	3432	2305	3003	3686	3167	2607	3377	4216	3809	3749	3308
94010030336001	Purva iela 5	2000	2749	2783	3479	2304	2995	3680	3171	2617	3398	4262	3849	3780	3344
94010040221001	Rigas iela 90	1926	2790	2737	3515	2151	2815	3501	3027	2497	3316	4284	3848	3741	3325
94010040224001	Indranu iela 5	2100	3253	2905	3911	1958	2405	3045	2770	2401	3300	4600	4102	3859	3546
94880090006001	Lejas Gerki	2397	3266	2449	3456	1749	1069	827	1382	1809	2112	3701	3207	2720	2815
94880090010001	Liepkaļni	1897	2703	1885	2891	1282	552	375	814	1267	1558	3163	2660	2181	2251
94880090011001	Kalnģerki	2115	3143	2364	3454	1452	957	1118	1413	1653	2198	3819	3300	2847	2839
94880090014001	Lukstini	2252	3377	2643	3762	1618	1309	1587	1795	1917	2575	4188	3662	3231	3171
94880090014002	Lukstini	2188	3321	2594	3716	1559	1279	1589	1767	1868	2544	4153	3626	3200	3130
94880090023001	Gerki	2088	3108	2327	3414	1424	917	1075	1370	1618	2155	3776	3258	2804	2798
94880090025001	Ausekli	3043	4111	3336	4422	2389	1925	1933	2362	2623	3140	4758	4246	3778	3801
94880090027001	Saulieš i	2609	3794	3110	4239	2031	1856	2175	2346	2389	3116	4713	4184	3771	3674
94880090028001	Vanagi	2053	3277	2763	3857	1689	1933	2507	2368	2136	3013	4468	3947	3629	3395
94880090035001	Dzelzcelš 162. km	2526	3367	2547	3531	1883	1189	869	1470	1924	2177	3748	3263	2769	2888
94880090057001	Pilenieš i	906	2039	1734	2698	1010	1690	2374	1886	1372	2230	3403	2917	2723	2366
94880090062001	Kalnšaldoti	2466	3665	3005	4135	1912	1810	2189	2299	2292	3055	4636	4105	3708	3585
94880090063001	Jaunzemes	2373	3593	2985	4109	1881	1907	2365	2386	2295	3110	4654	4125	3755	3589
94880090104001	Šaldoti	2512	3700	3022	4152	1939	1786	2129	2277	2303	3042	4634	4104	3697	3591
94880090120001	Ozolkalni	2492	3683	3008	4138	1923	1781	2133	2271	2290	3034	4624	4094	3689	3579
94880090122001	Jaunilgali	1396	2549	2211	3204	1337	1904	2581	2197	1758	2648	3898	3404	3181	2849
94880090209001	Gailenes	1487	2647	2296	3299	1397	1937	2609	2248	1825	2720	3988	3492	3261	2936
94880100009001	OS i	2411	1573	2365	1909	3069	3671	4118	3431	2930	2979	2548	2483	2809	2357
94880100013001	Pinas	2544	1698	2494	2009	3202	3804	4249	3562	3063	3102	2627	2582	2920	2473
94880100013016	Saulītes	2562	1765	2550	2107	3224	3839	4299	3611	3100	3171	2738	2681	3008	2555
94880100013018	Gaisini	2451	1669	2448	2035	3113	3730	4194	3506	2992	3075	2684	2609	2925	2467
94880100025001	Zemgali	3259	2054	2803	1780	3821	4222	4457	3838	3519	3148	1921	2190	2679	2424
94880100029001	Dravas	2235	1418	2201	1798	2893	3497	3950	3262	2757	2824	2467	2371	2678	2217
94880100052001	Vežzemnieki	2810	1607	2165	1036	3260	3523	3648	3088	2887	2336	928	1276	1780	1643
94880100053001	Vērubeni	2910	1688	2400	1347	3444	3812	4027	3417	3123	2715	1497	1749	2237	1992
94880100053007	Rubeni	2953	1729	2437	1377	3484	3848	4058	3450	3160	2744	1505	1769	2260	2022
94880100096001	Zemdegas	2263	1436	2221	1803	2920	3522	3973	3285	2782	2842	2467	2377	2689	2230
94880100118001	Maja 20	3043	1978	2799	2013	3673	4194	4549	3882	3456	3300	2430	2542	2970	2600
94880100123001	Maja 20	3006	1856	2655	1753	3606	4072	4374	3725	3346	3091	2081	2247	2701	2374
94880100148001	Dumini	1963	811	1626	952	2554	3032	3374	2707	2300	2137	1607	1525	1877	1458
94880100154001	Zveru ferma	3435	2216	2815	1688	3906	4176	4288	3738	3539	2980	1477	1900	2403	2295
94880100169001	Riekstini	2524	1619	2427	1889	3177	3760	4187	3503	3018	3018	2489	2460	2811	2374
94880100184001	Sietini	2322	1475	2267	1821	2978	3576	4021	3334	2835	2881	2471	2395	2716	2262
94880100185001	Bajari	2396	1476	2285	1755	3046	3623	4046	3362	2881	2875	2372	2328	2672	2232
94880100186001	Ritas	2391	1523	2321	1842	3046	3639	4078	3391	2897	2927	2476	2416	2747	2299
94880100187001	Zeltini	2422	1545	2346	1852	3077	3667	4103	3417	2925	2948	2478	2425	2761	2316
94880100188001	Kristāli	2450	1565	2367	1861	3104	3692	4126	3440	2950	2967	2481	2434	2775	2331
94880100189001	Kastanas	2493	1596	2402	1877	3146	3732	4161	3476	2990	2996	2485	2449	2795	2356
94880100193001	Gravas	2294	1457	2246	1814	2951	3551	3999	3312	2810	2863	2470	2388	2704	2248
94880100194001	Noras	2294	1390	2194	1700	2945	3525	3953	3268	2782	2792	2339	2274	2605	2158
94880100195001	Viteni	2323	1423	2227	1731	2975	3557	3986	3301	2814	2825	2367	2305	2638	2192
94880100196001	Latini	2362	1503	2299	1833	3018	3613	4054	3368	2872	2908	2473	2407	2734	2283

To be continued on next page...

Project:

Valka Nordex N163-7.0 MW

Licensed user:

SIA Estonian, Latvian & Lithuanian
environment

Vilandes 3-6

LV-1010 Riga

0037167242411

Kristiana / kristiana@environment.lv

Calculated:

12/02/2026 6:12 pm/4.2.285

DECIBEL - Main Result

Calculation: Nordex N163-7.0 MW STE

...continued from previous page

NSA	WTG													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
94880100197001 Dzeni	2465	1528	2341	1781	3114	3686	4102	3419	2943	2922	2380	2352	2706	2272
94880100199001 Zemites	2402	1467	2278	1732	3050	3622	4039	3356	2879	2862	2343	2304	2653	2216
94880100213001 Malkalni	2875	1892	2712	2041	3521	4079	4474	3796	3336	3262	2546	2595	2990	2585
94880100214001 Lati	2973	1976	2798	2100	3617	4170	4558	3882	3428	3338	2581	2649	3053	2655
94880100216001 Rudziš i	3014	1990	2812	2079	3653	4194	4570	3896	3453	3338	2534	2620	3034	2647
94880100217001 Livas	2863	1873	2694	2017	3507	4063	4455	3778	3321	3242	2521	2571	2967	2563
94880100218001 Plumes	2902	1899	2721	2025	3545	4095	4481	3805	3353	3261	2513	2575	2977	2578
94880100219001 Kirš i	2923	1913	2735	2028	3564	4111	4494	3819	3370	3271	2509	2577	2982	2586
94880100220001 Medini	2940	1924	2746	2030	3580	4124	4505	3830	3383	3278	2504	2577	2984	2592
94880100221001 Niedras	2957	1936	2759	2035	3597	4139	4517	3843	3398	3288	2502	2580	2990	2599
94880100222001 Taigas	2991	1962	2784	2047	3629	4168	4541	3869	3427	3308	2503	2589	3003	2617
94880100228001 Mež vini 2	3032	1998	2820	2073	3669	4205	4576	3904	3465	3340	2518	2611	3029	2647
94880100229001 Mež vini 1	3026	1990	2812	2064	3662	4198	4568	3896	3458	3331	2508	2602	3020	2638
94880100254001 Maja 22	3007	1944	2764	1983	3637	4159	4515	3847	3421	3267	2408	2515	2940	2568
94880100255001 Sedaskalni	1524	1351	1852	2026	2174	2868	3433	2759	2178	2556	2815	2528	2655	2160
94880100259001 Seli Maja 18	3074	2003	2822	2024	3703	4220	4571	3905	3483	3318	2429	2549	2981	2615
94880100314001 Vidini	2426	1484	2297	1740	3074	3643	4058	3376	2901	2878	2344	2311	2663	2229