

Project:

Jekabpils wind farm

Licensed user:

Kajaja Acoustics OÜ

Laki põik 2

EE-12915 Tallinn

+372 5626 4614

Eteri Eha / eteri.eha@kajaja.ee

Calculated:

17.06.2026 14:52/4.2.303

DECIBEL - Main Result

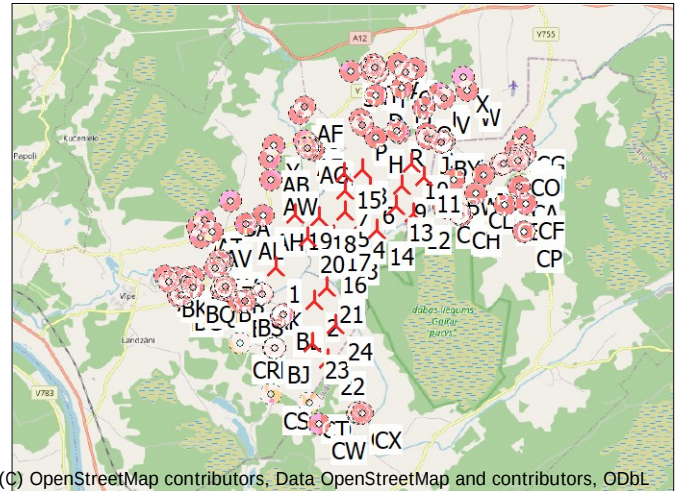
Calculation: Low-frequency_ALT_B_V172-7.2MW (164m HH)

Noise calculation model:

Danish low frequency 2024

The calculation is based on "BEK nr. 995 af 26/08/2024" from the Danish Environmental Agency.

All coordinates are in
Geo [deg]-WGS84



(C) OpenStreetMap contributors, Data OpenStreetMap and contributors, ODbL

Scale 1:200 000

New WTG

Noise sensitive area

WTGs

Longitude	Latitude	Z	Row data/Description	WTG type		Type-generator	Power, rated	Rotor diameter	Hub height	Noise data		First wind speed [m/s]	LwaRef [dB(A)]	Last wind speed [m/s]	LwaRef [dB(A)]
				Valid	Manufact.					Creator	Name				
1 26,154944° E	56,472000° N	83,8	1	Yes	VESTAS	V172-7.2-7 200	7 200	172,0	164,0	EMD	PO7200 - 2024-11	6,0	96,1	f	8,0
2 26,171545° E	56,464065° N	84,9	2	Yes	VESTAS	V172-7.2-7 200	7 200	172,0	164,0	EMD	PO7200 - 2024-11	6,0	96,1	f	8,0
3 26,188797° E	56,477423° N	85,0	10	Yes	VESTAS	V172-7.2-7 200	7 200	172,0	164,0	EMD	PO7200 - 2024-11	6,0	96,1	f	8,0
4 26,191766° E	56,482416° N	84,8	15	Yes	VESTAS	V172-7.2-7 200	7 200	172,0	164,0	EMD	PO7200 - 2024-11	6,0	96,1	f	8,0
5 26,184830° E	56,485277° N	84,0	12	Yes	VESTAS	V172-7.2-7 200	7 200	172,0	164,0	EMD	PO7200 - 2024-11	6,0	96,1	f	8,0
6 26,195723° E	56,490817° N	85,0	18	Yes	VESTAS	V172-7.2-7 200	7 200	172,0	164,0	EMD	PO7200 - 2024-11	6,0	96,1	f	8,0
7 26,184789° E	56,490106° N	85,0	14	Yes	VESTAS	V172-7.2-7 200	7 200	172,0	164,0	EMD	PO7200 - 2024-11	6,0	96,1	f	8,0
8 26,192600° E	56,495313° N	85,9	17	Yes	VESTAS	V172-7.2-7 200	7 200	172,0	164,0	EMD	PO7200 - 2024-11	6,0	96,1	f	8,0
9 26,209173° E	56,491273° N	85,0	24	Yes	VESTAS	V172-7.2-7 200	7 200	172,0	164,0	EMD	PO7200 - 2024-11	6,0	96,1	f	8,0
10 26,213491° E	56,496603° N	87,4	21-A	Yes	VESTAS	V172-7.2-7 200	7 200	172,0	164,0	EMD	PO7200 - 2024-11	6,0	96,1	f	8,0
11 26,218949° E	56,493438° N	85,1	22-A	Yes	VESTAS	V172-7.2-7 200	7 200	172,0	164,0	EMD	PO7200 - 2024-11	6,0	96,1	f	8,0
12 26,214396° E	56,484740° N	85,0	20-A	Yes	VESTAS	V172-7.2-7 200	7 200	172,0	164,0	EMD	PO7200 - 2024-11	6,0	96,1	f	8,0
13 26,206995° E	56,486499° N	85,4	19-A	Yes	VESTAS	V172-7.2-7 200	7 200	172,0	164,0	EMD	PO7200 - 2024-11	6,0	96,1	f	8,0
14 26,198775° E	56,480846° N	84,0	16-A	Yes	VESTAS	V172-7.2-7 200	7 200	172,0	164,0	EMD	PO7200 - 2024-11	6,0	96,1	f	8,0
15 26,184611° E	56,494373° N	85,1	13-A	Yes	VESTAS	V172-7.2-7 200	7 200	172,0	164,0	EMD	PO7200 - 2024-11	6,0	96,1	f	8,0
16 26,178446° E	56,474208° N	85,0	11-A	Yes	VESTAS	V172-7.2-7 200	7 200	172,0	164,0	EMD	PO7200 - 2024-11	6,0	96,1	f	8,0
17 26,179996° E	56,479330° N	85,4	09-A	Yes	VESTAS	V172-7.2-7 200	7 200	172,0	164,0	EMD	PO7200 - 2024-11	6,0	96,1	f	8,0
18 26,173625° E	56,483937° N	83,3	08-A	Yes	VESTAS	V172-7.2-7 200	7 200	172,0	164,0	EMD	PO7200 - 2024-11	6,0	96,1	f	8,0
19 26,163370° E	56,484575° N	85,0	03-A	Yes	VESTAS	V172-7.2-7 200	7 200	172,0	164,0	EMD	PO7200 - 2024-11	6,0	96,1	f	8,0
20 26,168908° E	56,479068° N	84,0	04-A	Yes	VESTAS	V172-7.2-7 200	7 200	172,0	164,0	EMD	PO7200 - 2024-11	6,0	96,1	f	8,0
21 26,176971° E	56,466954° N	82,0	06-A	Yes	VESTAS	V172-7.2-7 200	7 200	172,0	164,0	EMD	PO7200 - 2024-11	6,0	96,1	f	8,0
22 26,177736° E	56,450016° N	85,0	31-C	Yes	VESTAS	V172-7.2-7 200	7 200	172,0	164,0	EMD	PO7200 - 2024-11	6,0	96,1	f	8,0
23 26,170673° E	56,453686° N	85,0	32-C	Yes	VESTAS	V172-7.2-7 200	7 200	172,0	164,0	EMD	PO7200 - 2024-11	6,0	96,1	f	8,0
24 26,180636° E	56,458079° N	84,0	33-C	Yes	VESTAS	V172-7.2-7 200	7 200	172,0	164,0	EMD	PO7200 - 2024-11	6,0	96,1	f	8,0

f) From other hub height

Calculation Results

Sound level

Noise sensitive area

Noise sensitive area							Demands	Sound level	Demands fulfilled ?	
No.	Name	Longitude	Latitude	Z	Immission height	Wind speed	Noise	From WTGs	Distance to noise demand	Noise
				[m]	[m]	[m/s]	[dB(A)]	[dB(A)]	[m]	
A	Aizkalnes	26,207858° E	56,520369° N	93,1	1,5	6,0	20,0	8,9	2 371	Yes
A						8,0	20,0	10,5	2 244	Yes
B	Zvirgzdini	26,208124° E	56,504040° N	89,8	1,5	6,0	20,0	15,2	590	Yes
B						8,0	20,0	16,8	453	Yes
C	Uplejas	26,220364° E	56,503587° N	86,7	1,5	6,0	20,0	14,5	587	Yes
C						8,0	20,0	16,2	462	Yes
D	Druku Vecumi	26,198160° E	56,512887° N	90,6	1,5	6,0	20,0	11,3	1 637	Yes
D						8,0	20,0	13,0	1 478	Yes

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DECIBEL - Main Result

Calculation: Low-frequency_ALT_B_V172-7.2MW (164m HH)

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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]	
E	Balo ž i	26,198613° E	56,518862° N	90,5	1,5	6,0	20,0	9,4	2 299	Yes
E						8,0	20,0	11,1	2 139	Yes
F	Berzi	26,191627° E	56,507246° N	90,8	1,5	6,0	20,0	13,6	977	Yes
F						8,0	20,0	15,2	818	Yes
G	Kropini	26,207134° E	56,504585° N	92,0	1,5	6,0	20,0	14,9	669	Yes
G						8,0	20,0	16,5	530	Yes
H	Ergli	26,198423° E	56,502938° N	87,9	1,5	6,0	20,0	15,8	571	Yes
H						8,0	20,0	17,5	402	Yes
I	Nazari	26,214929° E	56,519219° N	91,0	1,5	6,0	20,0	8,9	2 224	Yes
I						8,0	20,0	10,6	2 100	Yes
J	Akoti	26,220549° E	56,502569° N	88,0	1,5	6,0	20,0	15,1	491	Yes
J						8,0	20,0	16,8	367	Yes
K	Linares	26,197407° E	56,520072° N	91,3	1,5	6,0	20,0	9,1	2 423	Yes
K						8,0	20,0	10,8	2 263	Yes
L	Lamani 1	26,195936° E	56,518989° N	90,3	1,5	6,0	20,0	9,4	2 295	Yes
L						8,0	20,0	11,1	2 135	Yes
M	Ro ž lejas	26,209238° E	56,514630° N	90,3	1,5	6,0	20,0	10,5	1 726	Yes
M						8,0	20,0	12,2	1 600	Yes
N	Aizupes	26,199053° E	56,518437° N	90,3	1,5	6,0	20,0	9,5	2 256	Yes
N						8,0	20,0	11,2	2 097	Yes
O	Kumelites	26,218886° E	56,509968° N	91,0	1,5	6,0	20,0	11,7	1 230	Yes
O						8,0	20,0	13,4	1 106	Yes
P	Vecumi	26,192519° E	56,505706° N	90,2	1,5	6,0	20,0	14,3	805	Yes
P						8,0	20,0	16,0	646	Yes
Q	Rutini	26,211042° E	56,518444° N	90,9	1,5	6,0	20,0	9,3	2 140	Yes
Q						8,0	20,0	11,0	2 013	Yes
R	Viksnes	26,207029° E	56,504358° N	91,6	1,5	6,0	20,0	15,0	649	Yes
R						8,0	20,0	16,7	509	Yes
S	Dimanti	26,187384° E	56,518664° N	89,8	1,5	6,0	20,0	9,4	2 262	Yes
S						8,0	20,0	11,1	2 101	Yes
T	Rudzi š i	26,197546° E	56,519321° N	90,6	1,5	6,0	20,0	9,3	2 341	Yes
T						8,0	20,0	11,0	2 181	Yes
U	Podnieki	26,225499° E	56,513205° N	92,5	1,5	6,0	20,0	10,0	1 692	Yes
U						8,0	20,0	11,7	1 571	Yes
V	Marsnica	26,227741° E	56,512101° N	90,0	1,5	6,0	20,0	10,2	1 638	Yes
V						8,0	20,0	11,8	1 513	Yes
W	Vilkmui ž a	26,237475° E	56,514054° N	92,0	1,5	6,0	20,0	8,7	2 134	Yes
W						8,0	20,0	10,4	2 007	Yes
X	Vecergli	26,235536° E	56,517157° N	90,8	1,5	6,0	20,0	8,2	2 359	Yes
X						8,0	20,0	9,9	2 234	Yes
Y	Kvie š i	26,154412° E	56,500927° N	89,0	1,5	6,0	20,0	12,0	1 594	Yes
Y						8,0	20,0	13,6	1 444	Yes
Z	Me ž a Rasas	26,169055° E	56,501189° N	90,0	1,5	6,0	20,0	14,1	877	Yes
Z						8,0	20,0	15,7	724	Yes
AA	Dravnieki	26,171153° E	56,499901° N	87,7	1,5	6,0	20,0	14,9	687	Yes
AA						8,0	20,0	16,6	532	Yes
AB	Ogu Purvs	26,152495° E	56,497838° N	88,3	1,5	6,0	20,0	12,5	1 318	Yes
AB						8,0	20,0	14,1	1 178	Yes
AC	Jaunmedni	26,165627° E	56,508563° N	90,2	1,5	6,0	20,0	11,2	1 623	Yes
AC						8,0	20,0	12,9	1 475	Yes
AD	Graudini	26,169543° E	56,500262° N	90,6	1,5	6,0	20,0	14,5	790	Yes
AD						8,0	20,0	16,2	635	Yes
AE	Birznieki	26,167532° E	56,502200° N	88,9	1,5	6,0	20,0	13,5	1 022	Yes
AE						8,0	20,0	15,1	869	Yes
AF	Irbites	26,167241° E	56,510128° N	89,0	1,5	6,0	20,0	10,9	1 710	Yes
AF						8,0	20,0	12,6	1 561	Yes
AG	Ruki	26,168833° E	56,500283° N	90,9	1,5	6,0	20,0	14,4	827	Yes
AG						8,0	20,0	16,0	671	Yes
AH	Vipmali	26,149905° E	56,484230° N	90,0	1,5	6,0	20,0	15,3	532	Yes
AH						8,0	20,0	17,0	403	Yes
AI	Galvani 1	26,122805° E	56,478966° N	94,0	1,5	6,0	20,0	9,8	1 874	Yes
AI						8,0	20,0	11,4	1 772	Yes

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DECIBEL - Main Result

Calculation: Low-frequency_ALT_B_V172-7.2MW (164m HH)

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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]	
AJ	Pludmales 1	26,148820° E	56,465677° N	85,5	1,5	6,0	20,0	14,8	543	Yes
AJ						8,0	20,0	16,4	439	Yes
AK	Pludmales	26,149040° E	56,465610° N	85,6	1,5	6,0	20,0	14,8	544	Yes
AK						8,0	20,0	16,5	437	Yes
AL	Kalna Galvani	26,142436° E	56,482221° N	97,6	1,5	6,0	20,0	13,5	1 012	Yes
AL						8,0	20,0	15,1	877	Yes
AM	Ziedini	26,114434° E	56,468966° N	87,0	1,5	6,0	20,0	8,4	2 265	Yes
AM						8,0	20,0	10,0	2 168	Yes
AN	Strautini	26,112449° E	56,469534° N	88,7	1,5	6,0	20,0	8,1	2 380	Yes
AN						8,0	20,0	9,8	2 282	Yes
AO	Druvas	26,131471° E	56,473578° N	86,0	1,5	6,0	20,0	11,4	1 203	Yes
AO						8,0	20,0	13,1	1 105	Yes
AP	Saulkrasti	26,107300° E	56,469842° N	87,3	1,5	6,0	20,0	7,4	2 693	Yes
AP						8,0	20,0	9,1	2 595	Yes
AQ	Jaundruvas 1	26,131987° E	56,472637° N	88,5	1,5	6,0	20,0	11,5	1 164	Yes
AQ						8,0	20,0	13,2	1 065	Yes
AR	Zilites	26,131108° E	56,471880° N	87,0	1,5	6,0	20,0	11,3	1 218	Yes
AR						8,0	20,0	13,0	1 119	Yes
AS	Avotini	26,121551° E	56,481424° N	92,9	1,5	6,0	20,0	9,5	2 055	Yes
AS						8,0	20,0	11,2	1 952	Yes
AT	Biksti	26,124410° E	56,483251° N	95,0	1,5	6,0	20,0	9,9	2 006	Yes
AT						8,0	20,0	11,5	1 899	Yes
AU	Tudalinas	26,119697° E	56,469646° N	87,0	1,5	6,0	20,0	9,2	1 934	Yes
AU						8,0	20,0	10,8	1 837	Yes
AV	Kalnares	26,127965° E	56,480344° N	94,9	1,5	6,0	20,0	10,6	1 649	Yes
AV						8,0	20,0	12,3	1 545	Yes
AW	Suš i	26,153089° E	56,492562° N	88,0	1,5	6,0	20,0	14,1	796	Yes
AW						8,0	20,0	15,7	665	Yes
AX	Jaundruvas	26,130673° E	56,473442° N	86,0	1,5	6,0	20,0	11,2	1 251	Yes
AX						8,0	20,0	12,9	1 152	Yes
AY	Straumenini	26,116258° E	56,469089° N	89,2	1,5	6,0	20,0	8,6	2 152	Yes
AY						8,0	20,0	10,3	2 055	Yes
AZ	Krasta Ozoli	26,128750° E	56,471771° N	87,3	1,5	6,0	20,0	10,8	1 364	Yes
AZ						8,0	20,0	12,5	1 265	Yes
BA	Galvani	26,135926° E	56,487675° N	91,5	1,5	6,0	20,0	11,5	1 432	Yes
BA						8,0	20,0	13,2	1 306	Yes
BB	Mui ž nieki	26,113280° E	56,465079° N	90,6	1,5	6,0	20,0	8,0	2 429	Yes
BB						8,0	20,0	9,7	2 331	Yes
BC	Krastini	26,133875° E	56,466527° N	89,5	1,5	6,0	20,0	11,4	1 182	Yes
BC						8,0	20,0	13,1	1 085	Yes
BD	Strauti	26,118340° E	56,466957° N	87,9	1,5	6,0	20,0	8,8	2 072	Yes
BD						8,0	20,0	10,5	1 976	Yes
BE	Purenes	26,117319° E	56,466719° N	88,8	1,5	6,0	20,0	8,7	2 139	Yes
BE						8,0	20,0	10,3	2 043	Yes
BF	Uplejas	26,118169° E	56,466952° N	88,0	1,5	6,0	20,0	8,8	2 082	Yes
BF						8,0	20,0	10,5	1 986	Yes
BG	Spridi š i	26,114672° E	56,465253° N	89,7	1,5	6,0	20,0	8,2	2 342	Yes
BG						8,0	20,0	9,9	2 243	Yes
BH	Klavas	26,157722° E	56,460261° N	90,7	1,5	6,0	20,0	15,4	646	Yes
BH						8,0	20,0	17,0	498	Yes
BI	Kaupres	26,154481° E	56,452570° N	88,7	1,5	6,0	20,0	13,4	741	Yes
BI						8,0	20,0	15,1	636	Yes
BJ	Kaupres 1	26,154736° E	56,452617° N	88,6	1,5	6,0	20,0	13,5	725	Yes
BJ						8,0	20,0	15,2	620	Yes
BK	Lici š i	26,109041° E	56,468627° N	91,7	1,5	6,0	20,0	7,6	2 600	Yes
BK						8,0	20,0	9,3	2 502	Yes
BL	Liepsala	26,158460° E	56,460663° N	89,0	1,5	6,0	20,0	15,6	585	Yes
BL						8,0	20,0	17,3	437	Yes
BM	Me ž vidi	26,140069° E	56,453828° N	88,1	1,5	6,0	20,0	10,7	1 620	Yes
BM						8,0	20,0	12,4	1 513	Yes
BN	Me ž a Mui ž a	26,131989° E	56,466718° N	90,8	1,5	6,0	20,0	11,1	1 281	Yes
BN						8,0	20,0	12,8	1 182	Yes

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DECIBEL - Main Result

Calculation: Low-frequency_ALT_B_V172-7.2MW (164m HH)

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Noise sensitive area						Demands	Sound level	Demands fulfilled ?		
No.	Name	Longitude	Latitude	Z	Immission height	Wind speed	Noise	From WTGs	Distance to noise demand	Noise
				[m]	[m]	[m/s]	[dB(A)]	[dB(A)]	[m]	
BO	Vilni š i	26,132310° E	56,466977° N	90,0	1,5	6,0	20,0	11,2	1 252	Yes
BO						8,0	20,0	12,9	1 152	Yes
BP	Raceni	26,133513° E	56,467240° N	88,0	1,5	6,0	20,0	11,4	1 172	Yes
BP						8,0	20,0	13,1	1 073	Yes
BQ	Vīpes skola 1	26,119453° E	56,467114° N	86,4	1,5	6,0	20,0	9,0	2 001	Yes
BQ						8,0	20,0	10,7	1 905	Yes
BR	Slipie 1	26,139496° E	56,463705° N	85,0	1,5	6,0	20,0	12,2	1 075	Yes
BR						8,0	20,0	13,8	974	Yes
BS	Upmali	26,141987° E	56,463800° N	86,0	1,5	6,0	20,0	12,7	960	Yes
BS						8,0	20,0	14,4	857	Yes
BT	Ziemeļnieki	26,152996° E	56,441528° N	88,6	1,5	6,0	20,0	10,0	1 464	Yes
BT						8,0	20,0	11,7	1 350	Yes
BU	Vasarnieki	26,261108° E	56,498230° N	91,0	1,5	6,0	20,0	8,1	2 353	Yes
BU						8,0	20,0	9,8	2 233	Yes
BV	Ata š a	26,251712° E	56,496522° N	89,0	1,5	6,0	20,0	9,7	1 751	Yes
BV						8,0	20,0	11,4	1 630	Yes
BW	Mui ž nieki	26,231972° E	56,492662° N	89,7	1,5	6,0	20,0	15,0	510	Yes
BW						8,0	20,0	16,7	388	Yes
BX	Rijasvecumi	26,227814° E	56,501950° N	90,9	1,5	6,0	20,0	13,8	732	Yes
BX						8,0	20,0	15,5	592	Yes
BY	Kalvani	26,226341° E	56,501709° N	89,3	1,5	6,0	20,0	14,3	646	Yes
BY						8,0	20,0	16,0	508	Yes
BZ	Uzkalnini	26,244752° E	56,493800° N	92,6	1,5	6,0	20,0	11,3	1 291	Yes
BZ						8,0	20,0	13,0	1 173	Yes
CA	Cakstes	26,260191° E	56,491064° N	90,5	1,5	6,0	20,0	8,6	2 257	Yes
CA						8,0	20,0	10,3	2 134	Yes
CB	Jaunie Vu š karnieki	26,234910° E	56,484228° N	88,0	1,5	6,0	20,0	13,4	951	Yes
CB						8,0	20,0	15,1	807	Yes
CC	Upmalnieki	26,227614° E	56,486271° N	87,4	1,5	6,0	20,0	16,0	506	Yes
CC						8,0	20,0	17,6	344	Yes
CD	Gruguli	26,259452° E	56,498488° N	91,6	1,5	6,0	20,0	8,4	2 259	Yes
CD						8,0	20,0	10,0	2 140	Yes
CE	Aramsala	26,253669° E	56,486836° N	91,8	1,5	6,0	20,0	9,7	1 962	Yes
CE						8,0	20,0	11,4	1 833	Yes
CF	Alksni š i	26,262738° E	56,486897° N	94,0	1,5	6,0	20,0	8,3	2 493	Yes
CF						8,0	20,0	9,9	2 367	Yes
CG	Lejsalie š i	26,262300° E	56,502792° N	90,9	1,5	6,0	20,0	7,6	2 567	Yes
CG						8,0	20,0	9,3	2 444	Yes
CH	Araji	26,234288° E	56,484761° N	88,9	1,5	6,0	20,0	13,7	910	Yes
CH						8,0	20,0	15,3	763	Yes
CI	Plavinas	26,258552° E	56,500071° N	92,0	1,5	6,0	20,0	8,3	2 249	Yes
CI						8,0	20,0	10,0	2 130	Yes
CJ	Zali š i	26,262376° E	56,498812° N	90,5	1,5	6,0	20,0	7,9	2 442	Yes
CJ						8,0	20,0	9,6	2 323	Yes
CK	Madaras	26,260204° E	56,498671° N	91,6	1,5	6,0	20,0	8,2	2 308	Yes
CK						8,0	20,0	9,9	2 189	Yes
CL	Vu š karnieki	26,241183° E	56,489414° N	90,0	1,5	6,0	20,0	12,3	1 142	Yes
CL						8,0	20,0	13,9	1 013	Yes
CM	Vecares	26,260016° E	56,497881° N	91,0	1,5	6,0	20,0	8,3	2 280	Yes
CM						8,0	20,0	10,0	2 160	Yes
CN	Strautmali	26,253233° E	56,496637° N	88,9	1,5	6,0	20,0	9,5	1 845	Yes
CN						8,0	20,0	11,2	1 725	Yes
CO	Jaunari	26,259494° E	56,497402° N	90,6	1,5	6,0	20,0	8,4	2 239	Yes
CO						8,0	20,0	10,1	2 119	Yes
CP	Vidsala	26,261621° E	56,480364° N	90,9	1,5	6,0	20,0	8,2	2 639	Yes
CP						8,0	20,0	9,9	2 501	Yes
CQ	Jaunie Robe ž nieki	26,169285° E	56,439743° N	87,6	1,5	6,0	20,0	11,2	1 005	Yes
CQ						8,0	20,0	12,9	906	Yes
CR	Me ž vidi	26,140069° E	56,453828° N	88,1	1,5	6,0	20,0	10,7	1 620	Yes
CR						8,0	20,0	12,4	1 513	Yes
CS	Ziemeļnieki	26,152996° E	56,441528° N	88,6	1,5	6,0	20,0	10,0	1 464	Yes
CS						8,0	20,0	11,7	1 350	Yes

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DECIBEL - Main Result

Calculation: Low-frequency_ALT_B_V172-7.2MW (164m HH)

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Noise sensitive area		Longitude	Latitude	Z	Immission height	Wind speed	Demands Noise	Sound level From WTGs	Distance to noise demand	Demands fulfilled ? Noise
No.	Name									
CT	Jaunie Robe ž nieki	26,169285° E	56,439743° N	87,6	1,5	6,0	20,0	11,2	1 005	Yes
CT						8,0	20,0	12,9	906	Yes
CU	O š ini	26,190535° E	56,437029° N	87,4	1,5	6,0	20,0	9,6	1 402	Yes
CU						8,0	20,0	11,2	1 308	Yes
CV	O š ini	26,190588° E	56,437189° N	86,3	1,5	6,0	20,0	9,6	1 388	Yes
CV						8,0	20,0	11,3	1 294	Yes
CW	Berzkalnes	26,173600° E	56,434528° N	87,3	1,5	6,0	20,0	9,2	1 494	Yes
CW						8,0	20,0	10,8	1 400	Yes
CX	Upi š i	26,192367° E	56,437127° N	88,3	1,5	6,0	20,0	9,5	1 449	Yes
CX						8,0	20,0	11,1	1 357	Yes

Distances (m)

NSA	WTG																					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
A	6293	6654	4922	4339	4155	3373	3656	2943	3240	2668	3074	3986	3770	4435	3228	5448	4879	4570	4835	5185	6242	8048
B	4842	4987	3193	2609	2534	1658	2114	1363	1422	891	1355	2183	1954	2645	1804	3790	3250	3085	3505	3682	4552	6298
C	5347	5328	3501	2942	2990	2079	2655	1942	1534	885	1133	2130	2072	2859	2428	4166	3670	3615	4098	4182	4875	6515
D	5272	5676	3989	3415	3181	2461	2666	1986	2499	2044	2515	3289	2987	3567	2223	4473	3899	3559	3810	4173	5277	7110
E	5868	6323	4652	4079	3833	3127	3312	2647	3139	2641	3094	3920	3639	4232	2859	5123	4547	4181	4390	4792	5930	7770
F	4527	4963	3324	2764	2481	1846	1954	1330	2080	1793	2278	2871	2496	2971	1497	3766	3189	2821	3065	3434	4575	6427
G	4846	5015	3227	2643	2550	1686	2119	1366	1487	971	1438	2254	2013	2692	1793	3815	3270	3089	3496	3689	4582	6338
H	4362	4633	2901	2321	2137	1359	1657	921	1457	1165	1648	2252	1904	2459	1277	3426	2862	2609	2972	3219	4218	6027
I	6424	6695	4923	4338	4208	3375	3734	2995	3131	2519	2880	3838	3675	4386	3336	5491	4933	4679	4994	5292	6270	8036
J	5282	5242	3414	2859	2923	2012	2602	1901	1439	794	1021	2020	1974	2765	2393	4085	3595	3557	4050	4118	4787	6417
K	5955	6434	4777	4206	3950	3258	3425	2772	3286	2794	3248	4069	3783	4367	2967	5237	4660	4280	4472	4890	6045	7891
L	5807	6295	4648	4079	3814	3136	3287	2643	3191	2716	3177	3978	3680	4249	2827	5100	4522	4136	4323	4745	5909	7759
M	5804	6088	4329	3744	3596	2778	3117	2382	2600	2024	2433	3342	3134	3815	2717	4883	4322	4059	4378	4673	5667	7449
N	5839	6285	4609	4035	3793	3081	3273	2604	3087	2588	3040	3868	3588	4184	2822	5084	4508	4147	4362	4759	5890	7728
O	5776	5883	4069	3492	3457	2565	3049	2298	2165	1524	1840	2822	2713	3470	2732	4695	4167	4020	4435	4615	5439	7138
P	4408	4812	3157	2593	2323	1669	1800	1157	1906	1641	2124	2694	2316	2794	1352	3612	3035	2688	2958	3302	4418	6265
Q	6217	6523	4767	4182	4029	3217	3544	2814	3027	2436	2826	3757	3565	4253	3135	5317	4755	4479	4778	5093	6103	7888
R	4823	4989	3201	2617	2526	1660	2096	1343	1462	951	1420	2230	1988	2666	1772	3790	3245	3065	3475	3665	4556	6312
S	5565	6155	4591	4044	3720	3142	3183	2619	3331	2935	3415	4126	3778	4268	2709	4979	4402	3957	4072	4552	5791	7

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DECIBEL - Main Result

Calculation: Low-frequency_ALT_B_V172-7.2MW (164m HH)

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WTG																						
NSA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
AV	1904	3239	3761	3936	3545	4333	3664	4315	5147	5569	5790	5346	4915	4362	3822	3184	3207	2841	2231	2526	3367	4561
AW	2292	3370	2771	2636	2116	2632	1971	2452	3456	3746	4056	3874	3387	3101	1951	2572	2217	1588	1091	1790	3208	4973
AX	1504	2726	3608	3894	3587	4449	3814	4525	5226	5715	5875	5308	4921	4275	4057	2944	3108	2892	2365	2437	2942	3900
AY	2405	3452	4564	4882	4592	5460	4826	5534	6233	6726	6881	6291	5916	5249	5064	3873	4089	3901	3375	3428	3748	4343
AZ	1614	2773	3752	4059	3767	4638	4010	4726	5408	5906	6056	5469	5091	4430	4262	3074	3267	3078	2565	2604	3019	3870
BA	2102	3424	3451	3489	3024	3699	3021	3592	4528	4878	5152	4844	4379	3945	3089	3018	2869	2359	1725	2246	3422	4920
BB	2680	3592	4851	5206	4948	5831	5212	5933	6587	7100	7234	6602	6246	5552	5471	4142	4406	4269	3772	3764	3930	4312
BC	1434	2337	3594	3981	3769	4671	4089	4832	5394	5937	6036	5358	5023	4304	4401	2876	3179	3123	2709	2570	2656	3269
BD	2324	3294	4494	4839	4575	5456	4837	5557	6215	6726	6862	6239	5878	5191	5096	3790	4040	3895	3397	3394	3613	4118
BE	2391	3354	4562	4908	4643	5524	4904	5624	6283	6793	6930	6308	5947	5259	5163	3857	4109	3963	3464	3463	3676	4162
BF	2334	3305	4505	4850	4585	5466	4846	5566	6225	6735	6872	6250	5888	5201	5105	3800	4050	3904	3406	3404	3623	4127
BG	2592	3507	4763	5119	4863	5747	5129	5851	6502	7016	7148	6515	6159	5464	5391	4054	4319	4185	3691	3678	3843	4241
BH	1318	951	2705	3237	3247	4129	3717	4454	4686	5307	5278	4429	4212	3413	4143	2010	2528	2812	2729	2204	1401	1680
BI	2163	1656	3482	4039	4093	4958	4576	5306	5469	6102	6039	5143	4973	4166	5010	2825	3368	3685	3604	3081	2118	1461
BJ	2158	1642	3468	4026	4081	4945	4565	5294	5455	6089	6024	5128	4959	4152	4999	2812	3356	3675	3597	3071	2103	1447
BK	2853	3885	5010	5322	5023	5883	5243	5942	6663	7147	7311	6733	6353	5693	5466	4321	4531	4328	3788	3867	4190	4713
BL	1280	891	2641	3174	3185	4066	3657	4393	4623	5243	5215	4365	4149	3349	4083	1947	2465	2754	2679	2147	1338	1678
BM	2221	2250	3989	4502	4456	5358	4888	5639	5958	6567	6561	5728	5498	4704	5282	3277	3756	3938	3711	3324	2703	2360
BN	1532	2455	3697	4076	3855	4755	4166	4906	5484	6022	6127	5458	5118	4405	4470	2981	3274	3202	2773	2658	2772	3377
BO	1502	2439	3669	4046	3823	4722	4132	4872	5452	5990	6095	5429	5088	4376	4436	2954	3244	3169	2738	2626	2752	3377
BP	1423	2370	3590	3966	3745	4644	4056	4797	5374	5912	6016	5350	5008	4296	4362	2875	3164	3092	2666	2547	2678	3332
BQ	2253	3228	4423	4769	4506	5388	4769	5491	6146	6657	6793	6169	5808	5120	5031	3719	3970	3827	3331	3325	3544	4065
BR	1326	1975	3400	3835	3683	4594	4052	4804	5276	5847	5908	5174	4871	4120	4402	2669	3042	3081	2750	2492	2337	2806
BS	1213	1822	3258	3701	3561	4472	3940	4693	5146	5721	5776	5033	4735	3980	4298	2527	2911	2970	2661	2375	2184	2685
BT	3394	2757	4564	5140	5250	6085	5751	6465	6530	7175	7064	6120	6011	5207	6196	3961	4525	4889	4834	4292	3193	1794
BU	7161	6700	5019	4619	4913	4110	4785	4230	3290	2937	2650	3245	3579	4299	4729	5750	5420	5617	6207	6065	6243	7428
BV	6555	6118	4419	4011	4304	3505	4182	3642	2684	2353	2046	2646	2971	3697	4138	5151	4813	5008	5600	5457	5659	6897
BW	5272	4898	3154	2726	3017	2241	2919	2442	1412	1220	807	1396	1684	2431	2922	3884	3528	3722	4319	4168	4435	5805
BX	5590	5458	3637	3107	3232	2332	2959	2290	1652	1064	1093	2086	2145	2952	2790	4333	3874	3893	4414	4432	4998	6552
BY	5502	5380	3557	3024	3143	2241	2866	2196	1570	974	1027	2027	2070	2876	2696	4251	3788	3801	4321	4343	4920	6486
BZ	6040	5594	3899	3500	3810	3037	3715	3215	2209	1950	1589	2124	2463	3177	3704	4630	4301	4516	5116	4950	5134	6387
CA	6821	6233	4652	4322	4685	3970	4644	4189	3142	2941	2553	2907	3315	3950	4668	5373	5109	5390	6006	5778	5786	6832
CB	5110	4503	2940	2665	3086	2522	3155	2883	1768	1907	1420	1265	1738	2257	3297	3652	3426	3775	4406	4106	4054	5188
CC	4750	4247	2586	2249	2637	2028	2672	2379	1265	1442	960	832	1270	1876	2797	3313	3033	3335	3961	3704	3789	5072
CD	7079	6633	4943	4536	4824	4016	4691	4131	3198	2837	2556	3168	3495	4221	4631	5674	5337	5528	6116	5980	6175	7379
CE	6301	5658	4131	3844	4243	3596	4257	3877	2784	2702	2261	2430	2875	3446	4334	4842	4614	4940	5567	5292	5217	6220
CF	6844	6166	4675	4399	4801	4150	4813	4419	3334	3219	2793	2987	3433	3997	4882	5381	5165	5498	6125	5844	5731	6654
CG	7447	7059	5335	4900	5153	4310	4977	4371	3513	3083	2865	3569	3858	4612	4874	6065	5701	5849	6420	6328	6598	7851
CH	5090	4500	2919	2632	3046	2469	3106	2823	1708	1838	1351	1225	1692	2230	3241	3635	3398	3737	4368	4076	4049	5206
CI	7105	6692	4981	4558	4829	4003	4675	4095	3194	2801	2548	3210	3516	4258	4596	5712	5360	5529	6109	5995	6232	7472
CJ	7258	6801	5118	4715	5007	4199	4874	4313	3381	3020	2740	3344	3675	4397	4813	5849	5517	5710	6299	6161	6344	7529
CK	7130	6683	4993	4586	4875	4065	4740	4179	3248	2885	2606	3219	3545	4272	4679	5724	5388	5578	6166	6031	6224	7426
CL	5654	5134	3492	3141	3501	2804	3473	3063	1982	1884	1441	1730	2130	2780	3527	4218	3932	4205	4822	4598	4679	5875
CM	7083	6623	4942	4542	4838	4036	4712	4160	3216	2868	2576	3167	3502	4221	4659	5673	5343	5541	6133	5989	6165	7354
CN	6646	6202	4508	4103	4398	3600	4277	3736	2778	2447	2141	2734	3063	3786	4233	5239	4904	5102	5694	5549	5743	6969
CO	7032	6566	4889	4492	4792	3994	4671	4125	3173	2834	2535	3114	3453	4169	4623	5620	5293	5496	6089	5940	6109	7293
CP	6637	5838	4498	4309	4761	4222	4854	4565	3451	3472	3004	2949	3433	3871	4992	5169	5029	5434	6069	5712	5424	6175
CQ	3698	2711	4363	4948	5158	5914	5687	6350	6240	6890	6715	5728	5700	4923	6154	3878	4456	4926	5004	4377	3066	1257
CR	2221	2250	3989	4502	4456	5358	4888	5639	5958	6567	6561	5728	5498	4704	5282	3277	3756	3938	3711	3324	2703	2360
CS	3394	2757	4564	5140	5250	6085	5751	6465	6530	7175	7064	6120	6011	5207	6196	3961	4525	4889	4834	4292	3193	1794
CT	3698	2711	4363	4948	5158	5914	5687	6350	6240	6890	6715	5728	5700	4923	6154	3878	4456	4926	5004	4377	3066	1257
CU	4468	3229	4497	5053	5382	5996	5919	6489	6146	6780	6518	5511	5599	4904	6393	4205	475					

DECIBEL - Main Result

Calculation: Low-frequency_ALT_B_V172-7.2MW (164m HH)

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WTG		
NSA	23	24
H	5743	5112
I	7787	7126
J	6249	5529
K	7571	6977
L	7434	6845
M	7187	6536
N	7416	6813
O	6933	6238
P	5945	5352
Q	7625	6975
R	6069	5402
S	7306	6757
T	7491	6896
U	7436	6729
V	7391	6676
W	7879	7147
X	8116	7394
Y	5353	5035
Z	5288	4851
AA	5144	4692
AB	5041	4753
AC	6116	5695
AD	5185	4745
AE	5404	4977
AF	6286	5852
AG	5188	4754
AH	3633	3472
AI	4076	4255
AJ	1896	2135
AK	1881	2120
AL	3622	3572
AM	3861	4256
AN	3998	4391
AO	3277	3486
AP	4299	4705
AQ	3183	3408
AR	3170	3417
AS	4324	4473
AT	4354	4455
AU	3609	3970
AV	3966	4083
AW	4461	4197
AX	3303	3522
AY	3766	4152
AZ	3275	3542
BA	4347	4294
BB	3757	4223
BC	2681	3031
BD	3547	3964
BE	3594	4019
BF	3557	3974
BG	3684	4143
BH	1083	1433
BI	1006	1725
BJ	989	1708
BK	4146	4565
BL	1082	1397
BM	1886	2545
BN	2791	3148
BO	2789	3138
BP	2742	3078
BQ	3492	3902
BR	2222	2611
BS	2096	2465
BT	1737	2509

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DECIBEL - Main Result

Calculation: Low-frequency_ALT_B_V172-7.2MW (164m HH)

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	WTG	
NSA	23	24
BU	7458	6674
BV	6903	6122
BW	5752	4982
BX	6423	5682
BY	6351	5613
BZ	6385	5604
CA	6908	6124
CB	5217	4433
CC	5046	4269
CD	7401	6618
CE	6306	5522
CF	6770	5989
CG	7857	7076
CH	5228	4444
CI	7481	6699
CJ	7559	6775
CK	7449	6666
CL	5889	5107
CM	7382	6598
CN	6980	6198
CO	7322	6539
CP	6342	5572
CQ	1554	2158
CR	1886	2545
CS	1737	2509
CT	1554	2158
CU	2222	2421
CV	2209	2405
CW	2140	2657
CX	2277	2442