

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 15:00/4.2.303

DECIBEL - Main Result

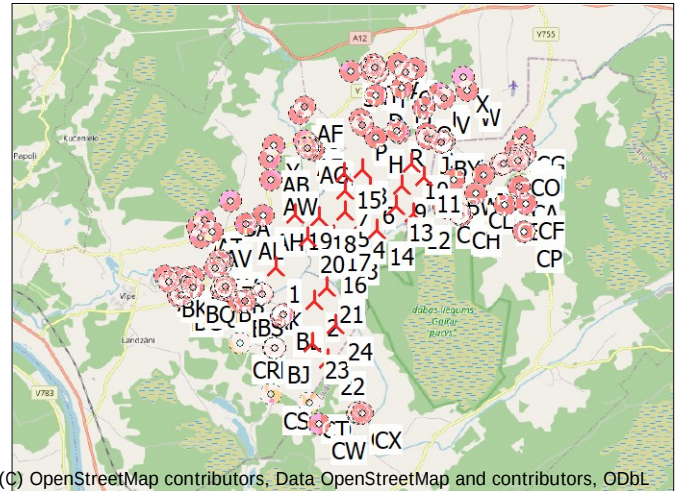
Calculation: Low-frequency_ALT_B_E175-7.0MW (162m HH)

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			Power, rated	Rotor diameter	Hub height	Noise data		First wind speed [m/s]	LwaRef	Last wind speed	LwaRef
					Valid	Manufact.	Type-generator				Creator	Name				
			[m]				[kW]	[m]	[m]					[dB(A)]	[m/s]	[dB(A)]
1	26,154944° E	56,472000° N	83,8	1	Yes	ENERCON	E-175 EP5 E2-7 000	7 000	175,0	162,0	EMD	Mode 00 - OM-0-0 - E-175 EP5 E2 - 7000 (7000 kW)	6,0	92,9	a	8,0 95,2 a
2	26,171545° E	56,464065° N	84,9	2	Yes	ENERCON	E-175 EP5 E2-7 000	7 000	175,0	162,0	EMD	Mode 00 - OM-0-0 - E-175 EP5 E2 - 7000 (7000 kW)	6,0	92,9	a	8,0 95,2 a
3	26,188797° E	56,477423° N	85,0	10	Yes	ENERCON	E-175 EP5 E2-7 000	7 000	175,0	162,0	EMD	Mode 00 - OM-0-0 - E-175 EP5 E2 - 7000 (7000 kW)	6,0	92,9	a	8,0 95,2 a
4	26,191766° E	56,482416° N	84,8	15	Yes	ENERCON	E-175 EP5 E2-7 000	7 000	175,0	162,0	EMD	Mode 00 - OM-0-0 - E-175 EP5 E2 - 7000 (7000 kW)	6,0	92,9	a	8,0 95,2 a
5	26,184830° E	56,485277° N	84,0	12	Yes	ENERCON	E-175 EP5 E2-7 000	7 000	175,0	162,0	EMD	Mode 00 - OM-0-0 - E-175 EP5 E2 - 7000 (7000 kW)	6,0	92,9	a	8,0 95,2 a
6	26,195723° E	56,490817° N	85,0	18	Yes	ENERCON	E-175 EP5 E2-7 000	7 000	175,0	162,0	EMD	Mode 00 - OM-0-0 - E-175 EP5 E2 - 7000 (7000 kW)	6,0	92,9	a	8,0 95,2 a
7	26,184789° E	56,490106° N	85,0	14	Yes	ENERCON	E-175 EP5 E2-7 000	7 000	175,0	162,0	EMD	Mode 00 - OM-0-0 - E-175 EP5 E2 - 7000 (7000 kW)	6,0	92,9	a	8,0 95,2 a
8	26,192600° E	56,495313° N	85,9	17	Yes	ENERCON	E-175 EP5 E2-7 000	7 000	175,0	162,0	EMD	Mode 00 - OM-0-0 - E-175 EP5 E2 - 7000 (7000 kW)	6,0	92,9	a	8,0 95,2 a
9	26,209173° E	56,491273° N	85,0	24	Yes	ENERCON	E-175 EP5 E2-7 000	7 000	175,0	162,0	EMD	Mode 00 - OM-0-0 - E-175 EP5 E2 - 7000 (7000 kW)	6,0	92,9	a	8,0 95,2 a
10	26,213491° E	56,496603° N	87,4	21-A	Yes	ENERCON	E-175 EP5 E2-7 000	7 000	175,0	162,0	EMD	Mode 00 - OM-0-0 - E-175 EP5 E2 - 7000 (7000 kW)	6,0	92,9	a	8,0 95,2 a
11	26,218949° E	56,493438° N	85,1	22-A	Yes	ENERCON	E-175 EP5 E2-7 000	7 000	175,0	162,0	EMD	Mode 00 - OM-0-0 - E-175 EP5 E2 - 7000 (7000 kW)	6,0	92,9	a	8,0 95,2 a
12	26,214396° E	56,484740° N	85,0	20-A	Yes	ENERCON	E-175 EP5 E2-7 000	7 000	175,0	162,0	EMD	Mode 00 - OM-0-0 - E-175 EP5 E2 - 7000 (7000 kW)	6,0	92,9	a	8,0 95,2 a
13	26,206995° E	56,486499° N	85,4	19-A	Yes	ENERCON	E-175 EP5 E2-7 000	7 000	175,0	162,0	EMD	Mode 00 - OM-0-0 - E-175 EP5 E2 - 7000 (7000 kW)	6,0	92,9	a	8,0 95,2 a
14	26,198775° E	56,480846° N	84,0	16-A	Yes	ENERCON	E-175 EP5 E2-7 000	7 000	175,0	162,0	EMD	Mode 00 - OM-0-0 - E-175 EP5 E2 - 7000 (7000 kW)	6,0	92,9	a	8,0 95,2 a
15	26,184611° E	56,494373° N	85,1	13-A	Yes	ENERCON	E-175 EP5 E2-7 000	7 000	175,0	162,0	EMD	Mode 00 - OM-0-0 - E-175 EP5 E2 - 7000 (7000 kW)	6,0	92,9	a	8,0 95,2 a
16	26,178446° E	56,474208° N	85,0	11-A	Yes	ENERCON	E-175 EP5 E2-7 000	7 000	175,0	162,0	EMD	Mode 00 - OM-0-0 - E-175 EP5 E2 - 7000 (7000 kW)	6,0	92,9	a	8,0 95,2 a
17	26,179996° E	56,479330° N	85,4	09-A	Yes	ENERCON	E-175 EP5 E2-7 000	7 000	175,0	162,0	EMD	Mode 00 - OM-0-0 - E-175 EP5 E2 - 7000 (7000 kW)	6,0	92,9	a	8,0 95,2 a
18	26,173625° E	56,483937° N	83,3	08-A	Yes	ENERCON	E-175 EP5 E2-7 000	7 000	175,0	162,0	EMD	Mode 00 - OM-0-0 - E-175 EP5 E2 - 7000 (7000 kW)	6,0	92,9	a	8,0 95,2 a
19	26,163370° E	56,484575° N	85,0	03-A	Yes	ENERCON	E-175 EP5 E2-7 000	7 000	175,0	162,0	EMD	Mode 00 - OM-0-0 - E-175 EP5 E2 - 7000 (7000 kW)	6,0	92,9	a	8,0 95,2 a
20	26,168908° E	56,479068° N	84,0	04-A	Yes	ENERCON	E-175 EP5 E2-7 000	7 000	175,0	162,0	EMD	Mode 00 - OM-0-0 - E-175 EP5 E2 - 7000 (7000 kW)	6,0	92,9	a	8,0 95,2 a
21	26,176971° E	56,466954° N	82,0	06-A	Yes	ENERCON	E-175 EP5 E2-7 000	7 000	175,0	162,0	EMD	Mode 00 - OM-0-0 - E-175 EP5 E2 - 7000 (7000 kW)	6,0	92,9	a	8,0 95,2 a
22	26,177736° E	56,450016° N	85,0	31-C	Yes	ENERCON	E-175 EP5 E2-7 000	7 000	175,0	162,0	EMD	Mode 00 - OM-0-0 - E-175 EP5 E2 - 7000 (7000 kW)	6,0	92,9	a	8,0 95,2 a
23	26,170673° E	56,453686° N	85,0	32-C	Yes	ENERCON	E-175 EP5 E2-7 000	7 000	175,0	162,0	EMD	Mode 00 - OM-0-0 - E-175 EP5 E2 - 7000 (7000 kW)	6,0	92,9	a	8,0 95,2 a
24	26,180636° E	56,458079° N	84,0	33-C	Yes	ENERCON	E-175 EP5 E2-7 000	7 000	175,0	162,0	EMD	Mode 00 - OM-0-0 - E-175 EP5 E2 - 7000 (7000 kW)	6,0	92,9	a	8,0 95,2 a

a) Generic data based on turbine power (very uncertain)

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	6,8	2 490	Yes
A						8,0	20,0	9,3	2 350	Yes
B	Zvirgzdini	26,208124° E	56,504040° N	89,8	1,5	6,0	20,0	13,0	714	Yes
B						8,0	20,0	15,5	569	Yes
C	Uplejas	26,220364° E	56,503587° N	86,7	1,5	6,0	20,0	12,4	706	Yes
C						8,0	20,0	14,9	567	Yes
D	Druku Vecumi	26,198160° E	56,512887° N	90,6	1,5	6,0	20,0	9,2	1 779	Yes
D						8,0	20,0	11,7	1 612	Yes
E	Balo ž i	26,198613° E	56,518862° N	90,5	1,5	6,0	20,0	7,4	2 441	Yes
E						8,0	20,0	9,8	2 273	Yes
F	Berzi	26,191627° E	56,507246° N	90,8	1,5	6,0	20,0	11,4	1 119	Yes
F						8,0	20,0	13,9	952	Yes

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DECIBEL - Main Result

Calculation: Low-frequency_ALT_B_E175-7.0MW (162m 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]	
G	Kropini	26,207134° E	56,504585° N	92,0	1,5	6,0	20,0	12,7	795	Yes
G						8,0	20,0	15,2	648	Yes
H	Ergli	26,198423° E	56,502938° N	87,9	1,5	6,0	20,0	13,7	716	Yes
H						8,0	20,0	16,1	546	Yes
I	Nazari	26,214929° E	56,519219° N	91,0	1,5	6,0	20,0	6,9	2 343	Yes
I						8,0	20,0	9,3	2 204	Yes
J	Akoti	26,220549° E	56,502569° N	88,0	1,5	6,0	20,0	13,0	612	Yes
J						8,0	20,0	15,5	471	Yes
K	Linares	26,197407° E	56,520072° N	91,3	1,5	6,0	20,0	7,0	2 567	Yes
K						8,0	20,0	9,5	2 398	Yes
L	Lamani 1	26,195936° E	56,518989° N	90,3	1,5	6,0	20,0	7,3	2 437	Yes
L						8,0	20,0	9,8	2 270	Yes
M	Ro ž lejas	26,209238° E	56,514630° N	90,3	1,5	6,0	20,0	8,5	1 845	Yes
M						8,0	20,0	10,9	1 706	Yes
N	Aizupes	26,199053° E	56,518437° N	90,3	1,5	6,0	20,0	7,5	2 398	Yes
N						8,0	20,0	9,9	2 230	Yes
O	Kumelites	26,218886° E	56,509968° N	91,0	1,5	6,0	20,0	9,6	1 346	Yes
O						8,0	20,0	12,0	1 210	Yes
P	Vecumi	26,192519° E	56,505706° N	90,2	1,5	6,0	20,0	12,2	948	Yes
P						8,0	20,0	14,7	780	Yes
Q	Rutini	26,211042° E	56,518444° N	90,9	1,5	6,0	20,0	7,2	2 260	Yes
Q						8,0	20,0	9,7	2 119	Yes
R	Vīksnes	26,207029° E	56,504358° N	91,6	1,5	6,0	20,0	12,9	775	Yes
R						8,0	20,0	15,3	627	Yes
S	Dimanti	26,187384° E	56,518664° N	89,8	1,5	6,0	20,0	7,3	2 408	Yes
S						8,0	20,0	9,8	2 236	Yes
T	Rudzi š i	26,197546° E	56,519321° N	90,6	1,5	6,0	20,0	7,2	2 484	Yes
T						8,0	20,0	9,7	2 316	Yes
U	Podnieki	26,225499° E	56,513205° N	92,5	1,5	6,0	20,0	8,0	1 815	Yes
U						8,0	20,0	10,4	1 673	Yes
V	Marsnica	26,227741° E	56,512101° N	90,0	1,5	6,0	20,0	8,1	1 757	Yes
V						8,0	20,0	10,6	1 617	Yes
W	Vilkmui ž a	26,237475° E	56,514054° N	92,0	1,5	6,0	20,0	6,6	2 257	Yes
W						8,0	20,0	9,1	2 115	Yes
X	Vecergli	26,235536° E	56,517157° N	90,8	1,5	6,0	20,0	6,1	2 479	Yes
X						8,0	20,0	8,6	2 339	Yes
Y	Kvie š i	26,154412° E	56,500927° N	89,0	1,5	6,0	20,0	9,9	1 720	Yes
Y						8,0	20,0	12,3	1 571	Yes
Z	Me ž a Rasas	26,169055° E	56,501189° N	90,0	1,5	6,0	20,0	11,9	1 016	Yes
Z						8,0	20,0	14,4	855	Yes
AA	Dravnieki	26,171153° E	56,499901° N	87,7	1,5	6,0	20,0	12,8	826	Yes
AA						8,0	20,0	15,3	664	Yes
AB	Ogu Purvs	26,152495° E	56,497838° N	88,3	1,5	6,0	20,0	10,4	1 444	Yes
AB						8,0	20,0	12,8	1 297	Yes
AC	Jaunmedni	26,165627° E	56,508563° N	90,2	1,5	6,0	20,0	9,1	1 762	Yes
AC						8,0	20,0	11,6	1 601	Yes
AD	Graudini	26,169543° E	56,500262° N	90,6	1,5	6,0	20,0	12,4	929	Yes
AD						8,0	20,0	14,8	767	Yes
AE	Birznieki	26,167532° E	56,502200° N	88,9	1,5	6,0	20,0	11,3	1 160	Yes
AE						8,0	20,0	13,8	1 000	Yes
AF	Irbites	26,167241° E	56,510128° N	89,0	1,5	6,0	20,0	8,8	1 848	Yes
AF						8,0	20,0	11,3	1 687	Yes
AG	Ruki	26,168833° E	56,500283° N	90,9	1,5	6,0	20,0	12,2	967	Yes
AG						8,0	20,0	14,7	803	Yes
AH	Vipmali	26,149905° E	56,484230° N	90,0	1,5	6,0	20,0	13,2	652	Yes
AH						8,0	20,0	15,6	512	Yes
AI	Galvani 1	26,122805° E	56,478966° N	94,0	1,5	6,0	20,0	7,7	1 977	Yes
AI						8,0	20,0	10,2	1 856	Yes
AJ	Pludmales 1	26,148820° E	56,465677° N	85,5	1,5	6,0	20,0	12,7	647	Yes
AJ						8,0	20,0	15,1	525	Yes
AK	Pludmales	26,149040° E	56,465610° N	85,6	1,5	6,0	20,0	12,7	647	Yes
AK						8,0	20,0	15,1	526	Yes

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DECIBEL - Main Result

Calculation: Low-frequency_ALT_B_E175-7.0MW (162m 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]	
AL	Kalna Galvani	26,142436° E	56,482221° N	97,6	1,5	6,0	20,0	11,3	1 140	Yes
AL						8,0	20,0	13,8	991	Yes
AM	Ziedini	26,114434° E	56,468966° N	87,0	1,5	6,0	20,0	6,3	2 370	Yes
AM						8,0	20,0	8,8	2 250	Yes
AN	Strautini	26,112449° E	56,469534° N	88,7	1,5	6,0	20,0	6,1	2 484	Yes
AN						8,0	20,0	8,5	2 364	Yes
AO	Druvas	26,131471° E	56,473578° N	86,0	1,5	6,0	20,0	9,3	1 308	Yes
AO						8,0	20,0	11,8	1 187	Yes
AP	Saulkrasti	26,107300° E	56,469842° N	87,3	1,5	6,0	20,0	5,4	2 798	Yes
AP						8,0	20,0	7,9	2 677	Yes
AQ	Jaundruvas 1	26,131987° E	56,472637° N	88,5	1,5	6,0	20,0	9,4	1 270	Yes
AQ						8,0	20,0	11,9	1 148	Yes
AR	Zilites	26,131108° E	56,471880° N	87,0	1,5	6,0	20,0	9,2	1 324	Yes
AR						8,0	20,0	11,7	1 202	Yes
AS	Avotini	26,121551° E	56,481424° N	92,9	1,5	6,0	20,0	7,4	2 161	Yes
AS						8,0	20,0	9,9	2 038	Yes
AT	Biksti	26,124410° E	56,483251° N	95,0	1,5	6,0	20,0	7,8	2 114	Yes
AT						8,0	20,0	10,2	1 988	Yes
AU	Tudalinas	26,119697° E	56,469646° N	87,0	1,5	6,0	20,0	7,1	2 039	Yes
AU						8,0	20,0	9,6	1 919	Yes
AV	Kalnares	26,127965° E	56,480344° N	94,9	1,5	6,0	20,0	8,5	1 756	Yes
AV						8,0	20,0	11,0	1 633	Yes
AW	Suš i	26,153089° E	56,492562° N	88,0	1,5	6,0	20,0	11,9	917	Yes
AW						8,0	20,0	14,4	776	Yes
AX	Jaundruvas	26,130673° E	56,473442° N	86,0	1,5	6,0	20,0	9,2	1 356	Yes
AX						8,0	20,0	11,6	1 235	Yes
AY	Straumenini	26,116258° E	56,469089° N	89,2	1,5	6,0	20,0	6,6	2 257	Yes
AY						8,0	20,0	9,0	2 137	Yes
AZ	Krasta Ozoli	26,128750° E	56,471771° N	87,3	1,5	6,0	20,0	8,7	1 469	Yes
AZ						8,0	20,0	11,2	1 348	Yes
BA	Galvani	26,135926° E	56,487675° N	91,5	1,5	6,0	20,0	9,4	1 551	Yes
BA						8,0	20,0	11,9	1 411	Yes
BB	Muižnieki	26,113280° E	56,465079° N	90,6	1,5	6,0	20,0	6,0	2 530	Yes
BB						8,0	20,0	8,4	2 414	Yes
BC	Krastini	26,133875° E	56,466527° N	89,5	1,5	6,0	20,0	9,3	1 287	Yes
BC						8,0	20,0	11,8	1 165	Yes
BD	Strauti	26,118340° E	56,466957° N	87,9	1,5	6,0	20,0	6,8	2 174	Yes
BD						8,0	20,0	9,2	2 057	Yes
BE	Purenes	26,117319° E	56,466719° N	88,8	1,5	6,0	20,0	6,6	2 241	Yes
BE						8,0	20,0	9,1	2 124	Yes
BF	Uplejas	26,118169° E	56,466952° N	88,0	1,5	6,0	20,0	6,7	2 184	Yes
BF						8,0	20,0	9,2	2 067	Yes
BG	Spridīši	26,114672° E	56,465253° N	89,7	1,5	6,0	20,0	6,2	2 442	Yes
BG						8,0	20,0	8,6	2 327	Yes
BH	Klavas	26,157722° E	56,460261° N	90,7	1,5	6,0	20,0	13,2	772	Yes
BH						8,0	20,0	15,7	624	Yes
BI	Kaupres	26,154481° E	56,452570° N	88,7	1,5	6,0	20,0	11,3	849	Yes
BI						8,0	20,0	13,8	725	Yes
BJ	Kaupres 1	26,154736° E	56,452617° N	88,6	1,5	6,0	20,0	11,4	833	Yes
BJ						8,0	20,0	13,8	709	Yes
BK	Liciši	26,109041° E	56,468627° N	91,7	1,5	6,0	20,0	5,6	2 704	Yes
BK						8,0	20,0	8,1	2 584	Yes
BL	Liepsala	26,158460° E	56,460663° N	89,0	1,5	6,0	20,0	13,5	712	Yes
BL						8,0	20,0	15,9	563	Yes
BM	Mežvidi	26,140069° E	56,453828° N	88,1	1,5	6,0	20,0	8,6	1 728	Yes
BM						8,0	20,0	11,1	1 604	Yes
BN	Mežāmuižā	26,131989° E	56,466718° N	90,8	1,5	6,0	20,0	9,0	1 383	Yes
BN						8,0	20,0	11,5	1 264	Yes
BO	Vilniši	26,132310° E	56,466977° N	90,0	1,5	6,0	20,0	9,1	1 354	Yes
BO						8,0	20,0	11,6	1 235	Yes
BP	Raceni	26,133513° E	56,467240° N	88,0	1,5	6,0	20,0	9,4	1 274	Yes
BP						8,0	20,0	11,8	1 155	Yes

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DECIBEL - Main Result

Calculation: Low-frequency_ALT_B_E175-7.0MW (162m 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]	
BQ	Vipes skola 1	26,119453° E	56,467114° N	86,4	1,5	6,0	20,0	6,9	2 103	Yes
BQ						8,0	20,0	9,4	1 986	Yes
BR	Slipie 1	26,139496° E	56,463705° N	85,0	1,5	6,0	20,0	10,1	1 178	Yes
BR						8,0	20,0	12,5	1 057	Yes
BS	Upmali	26,141987° E	56,463800° N	86,0	1,5	6,0	20,0	10,6	1 064	Yes
BS						8,0	20,0	13,0	943	Yes
BT	Ziemelnieki	26,152996° E	56,441528° N	88,6	1,5	6,0	20,0	7,9	1 576	Yes
BT						8,0	20,0	10,4	1 448	Yes
BU	Vasarnieki	26,261108° E	56,498230° N	91,0	1,5	6,0	20,0	6,1	2 473	Yes
BU						8,0	20,0	8,6	2 333	Yes
BV	Ata š a	26,251712° E	56,496522° N	89,0	1,5	6,0	20,0	7,7	1 868	Yes
BV						8,0	20,0	10,1	1 731	Yes
BW	Mui ž nieki	26,231972° E	56,492662° N	89,7	1,5	6,0	20,0	12,9	629	Yes
BW						8,0	20,0	15,4	491	Yes
BX	Rijasvecumi	26,227814° E	56,501950° N	90,9	1,5	6,0	20,0	11,7	875	Yes
BX						8,0	20,0	14,2	710	Yes
BY	Kalvani	26,226341° E	56,501709° N	89,3	1,5	6,0	20,0	12,2	788	Yes
BY						8,0	20,0	14,6	625	Yes
BZ	Uzkalnini	26,244752° E	56,493800° N	92,6	1,5	6,0	20,0	9,2	1 409	Yes
BZ						8,0	20,0	11,7	1 273	Yes
CA	Cakstes	26,260191° E	56,491064° N	90,5	1,5	6,0	20,0	6,6	2 375	Yes
CA						8,0	20,0	9,0	2 237	Yes
CB	Jaunie Vu š karnieki	26,234910° E	56,484228° N	88,0	1,5	6,0	20,0	11,3	1 078	Yes
CB						8,0	20,0	13,8	928	Yes
CC	Upmalnieki	26,227614° E	56,486271° N	87,4	1,5	6,0	20,0	13,8	644	Yes
CC						8,0	20,0	16,3	481	Yes
CD	Gruguli	26,259452° E	56,498488° N	91,6	1,5	6,0	20,0	6,3	2 380	Yes
CD						8,0	20,0	8,8	2 239	Yes
CE	Aramsala	26,253669° E	56,486836° N	91,8	1,5	6,0	20,0	7,6	2 080	Yes
CE						8,0	20,0	10,1	1 940	Yes
CF	Alksni š i	26,262738° E	56,486897° N	94,0	1,5	6,0	20,0	6,2	2 613	Yes
CF						8,0	20,0	8,7	2 475	Yes
CG	Lejsalie š i	26,262300° E	56,502792° N	90,9	1,5	6,0	20,0	5,5	2 683	Yes
CG						8,0	20,0	8,0	2 548	Yes
CH	Araji	26,234288° E	56,484761° N	88,9	1,5	6,0	20,0	11,6	1 037	Yes
CH						8,0	20,0	14,0	886	Yes
CI	Plavinas	26,258552° E	56,500071° N	92,0	1,5	6,0	20,0	6,3	2 369	Yes
CI						8,0	20,0	8,8	2 230	Yes
CJ	Zali š i	26,262376° E	56,498812° N	90,5	1,5	6,0	20,0	5,9	2 563	Yes
CJ						8,0	20,0	8,3	2 423	Yes
CK	Madaras	26,260204° E	56,498671° N	91,6	1,5	6,0	20,0	6,2	2 429	Yes
CK						8,0	20,0	8,6	2 289	Yes
CL	Vu š karnieki	26,241183° E	56,489414° N	90,0	1,5	6,0	20,0	10,1	1 260	Yes
CL						8,0	20,0	12,6	1 121	Yes
CM	Vecares	26,260016° E	56,497881° N	91,0	1,5	6,0	20,0	6,3	2 399	Yes
CM						8,0	20,0	8,7	2 260	Yes
CN	Strautmali	26,253233° E	56,496637° N	88,9	1,5	6,0	20,0	7,4	1 962	Yes
CN						8,0	20,0	9,9	1 826	Yes
CO	Jaunari	26,259494° E	56,497402° N	90,6	1,5	6,0	20,0	6,4	2 357	Yes
CO						8,0	20,0	8,8	2 220	Yes
CP	Vidsala	26,261621° E	56,480364° N	90,9	1,5	6,0	20,0	6,2	2 767	Yes
CP						8,0	20,0	8,7	2 618	Yes
CQ	Jaunie Robe ž nieki	26,169285° E	56,439743° N	87,6	1,5	6,0	20,0	9,1	1 104	Yes
CQ						8,0	20,0	11,5	989	Yes
CR	Me ž vidi	26,140069° E	56,453828° N	88,1	1,5	6,0	20,0	8,6	1 728	Yes
CR						8,0	20,0	11,1	1 604	Yes
CS	Ziemelnieki	26,152996° E	56,441528° N	88,6	1,5	6,0	20,0	7,9	1 576	Yes
CS						8,0	20,0	10,4	1 448	Yes
CT	Jaunie Robe ž nieki	26,169285° E	56,439743° N	87,6	1,5	6,0	20,0	9,1	1 104	Yes
CT						8,0	20,0	11,5	989	Yes
CU	O š ini	26,190535° E	56,437029° N	87,4	1,5	6,0	20,0	7,5	1 496	Yes
CU						8,0	20,0	10,0	1 387	Yes

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DECIBEL - Main Result

Calculation: Low-frequency_ALT_B_E175-7.0MW (162m 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]	
CV	O š ini	26,190588° E	56,437189° N	86,3	1,5	6,0	20,0	7,5	1 482	Yes
CV						8,0	20,0	10,0	1 373	Yes
CW	Berzkalnes	26,173600° E	56,434528° N	87,3	1,5	6,0	20,0	7,1	1 593	Yes
CW						8,0	20,0	9,6	1 478	Yes
CX	Upi š i	26,192367° E	56,437127° N	88,3	1,5	6,0	20,0	7,4	1 544	Yes
CX						8,0	20,0	9,8	1 433	Yes

Distances (m)

WTG																							
NSA	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	7664	
T	5884	6355	4695	4123	3869	3175	3345	2690	3203	2712	3168	3986	3699	4283	2889	5157	4581	4205	4403	4815	5965	7810	
U	6317	6400	4579	4007	3992	3094	3590	2840	2640	1990	2237	3241	3183	3960	3276	5219	4697	4562	4978	5155	5953	7624	
V	6326	6369	4544	3978	3987	3082	3604	2858	2585	1935	2147	3154	3123	3909	3308	5196	4685	4575	5009	5161	5918	7566	
W	6909	6888	5060	4508	4557	3646	4198	3461	3077	2440	2563	3559	3596	4398	3923	5734	5240	5166	5620	5743	6432	8022	
X	7063	7103	5277	4713	4726	3821	4339	3591	3307	2660	2831	3836	3838	4632	4032	5934	5424	5310	5735	5899	6651	8278	
Y	3220	4237	3366	3088	2558	2781	2225	2433	3539	3669	4060	4109	3614	3530	1997	3322	2874	2231	1902	2592	4029	5846	
Z	3363	4135	2911	2514	2020	2007	1569	1590	2705	2783	3191	3339	2851	2911	1222	3058	2525	1941	1882	2462	3842	5721	
AA	3262	3989	2728	2324	1833	1820	1376	1416	2530	2632	3029	3152	2664	2719	1032	2895	2354	1784	1772	2323	3685	5567	
AB	2880	3938	3188	2966	2433	2774	2167	2485	3565	3758	4121	4081	3585	3420	2015	3078	2667	2022	1621	2321	3754	5546	
AC	4123	4966	3748	3326	2849	2708	2369	2221	3300	3233	3689	4006	3538	3699	1965	3905	3372	2785	2674	3289	4684	6559	
AD	3272	4031	2805	2412	1915	1924	1469	1523	2637	2736	3135	3258	2769	2813	1136	2952	2417	1834	1787	2359	3736	5616	
AE	3450	4252	3053	2660	2164	2149	1715	1723	2838	2897	3312	3479	2993	3058	1365	3187	2659	2067	1978	2576	3966	5842	
AF	4311	5134	3875	3434	2971	2774	2477	2271	3327	3221	3686	4051	3593	3794	2054	4057	3517	2942	2854	3459	4843	6722	
AG	3262	4035	2826	2439	1939	1962	1499	1564	2679	2780	3178	3296	2806	2843	1173	2962	2431	1843	1780	2361	3744	5622	
AH	1396	2611	2512	2586	2154	2915	2246	2904	3733	4151	4373	3972	3525	3033	2417	2082	1932	1461	830	1304	2545	4177	
AI	2126	3430	4069	4265	3884	4680	4014	4667	5493	5920	6136	5678	5253	4684	4175	3468	3523	3179	2575	2840	3595	4673	
AJ	799	1412	2788	3236	3111	4022	3508	4261	4684	5265	5311	4563	4268	3510	3881	2057	2449	2543	2287	1937	1740	2493	
AK	799	1397	2780	3229	3107	4018	3505	4258	4678	5259	5304	4555	4261	3502	3879	2049	2443	2541	2288	1934	1728	2478	
AL	1374	2702	2905	3038	2633	3418	2752	3416	4232	4659	4874	4441	4004	3473	2928	2391	2336	1930	1316	1668	2723	4193	
AM	2519	3561	4677	4993	4701	5566	4931	5637	6342	6833	6990	6403	6026	5361	5165	3987	4200	4009	3479	3539	3860	4435	
AN	2632	3692	4785	5092	4791	5650	5010	5710	6430	6914	7079	6504	6122	5465	5234	4099	4302	4095	3556	3636	3986	4573	
AO	1457	2686	3557	3842	3535	4398	3764	4475	5175	5664	5824	5257	4869	4224	4009	2895	3057	2841	2315	2386	2899	3874	
AP	2945	4010	5091	5388	5075	5926	5279	5970	6713	7187	7361	6802	6415	5767	5489	4410	4601	4376	3823	3932	4305	4869	
AQ	1416	2617	3540	3840	3546	4416	3789	4506	5187	5684	5835	5252	4871	4214	4044	2867	3050	2857	2346	2384	2843	3780	
AR	1469	2639	3607	3916	3630	4504	3879	4599	5271	5772	5918	5326	4949	4286	4138	2928	3124	2943	2438	2462	2878	3766	
AS	2309	3636	4166	4326	3921	4686	4013	4640	5506	5908	6145	5730	5293	4757	4142	3596	3607	3219	2599	2929	3775	4920	
AT	2260	3604	4019	4150	3728	4472	3796	4409	5296	5683	5931	5545	5099	4588	3908	3477	3451	3032	2404	2780	3711	4948	
AU	2187	3254	4344	4662	4373	5242	4611	5322	6014	6510	6662	6070	5695	5028	4854	3655	3868	3683	3162	3208	3542	4191	
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	

DECIBEL - Main Result

Calculation: Low-frequency_ALT_B_E175-7.0MW (162m 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	
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	4753	5324	5551	4865	3434	1647	
CV	4454	3214	4480	5035	5364	5978	5901	6471	6128	6762	6500	5492	5581	4886	6376	4188	4736	5307	5535	4849	3418	1633	
CW	4327	3290	4866	5447	5691	6412	6225	6867	6686	7334	7128	6129	6140	5384	6696	4427	5002	5500	5606	4966	3615	1743	
CX	4515	3262	4491	5041	5380	5980	5915	6477	6115	6747	6478	5471	5569	4882	6390	4216	4759	5337	5576	4887	3453	1695	

WTG

NSA	23	24
A	7768	7133
B	6061	5389
C	6342	5626
D	6804	6195
E	7456	6856
F	6100	5514
G	6094	5428
H	5743	5112
I	7787	7126
J	6249	5529
K	7571	6977

To be continued on next page...

DECIBEL - Main Result

Calculation: Low-frequency_ALT_B_E175-7.0MW (162m HH)

...continued from previous page

	WTG	
NSA	23	24
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
BU	7458	6674
BV	6903	6122
BW	5752	4982
BX	6423	5682

To be continued on next page...

DECIBEL - Main Result

Calculation: Low-frequency_ALT_B_E175-7.0MW (162m HH)

...continued from previous page

	WTG	
NSA	23	24
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