

DECIBEL - Main Result

Calculation: Põhja_ala_29042024

Noise calculation model:

ISO 9613-2 General

Wind speed (at 10 m height):
 10,0 m/s

Ground attenuation:

General, Ground factor: 0,5

Meteorological coefficient, CO:

Selected option: Fixed value: 0,0 dB

Type of demand in calculation:

1: WTG noise is compared to demand (DK, DE, SE, NL etc.)

Noise values in calculation:

All noise values are mean values (Lwa) (Normal)

Pure tones:

Fixed penalty added to source noise of WTGs with pure tones

Model: 5,0 dB(A)

Height above ground level, when no value in NSA object:

2,0 m; Don't allow override of model height with height from NSA object

Uncertainty margin:

0,0 dB; Uncertainty margin in NSA has priority

Deviation from "official" noise demands. Negative is more restrictive, positive is less restrictive.:

0,0 dB(A)

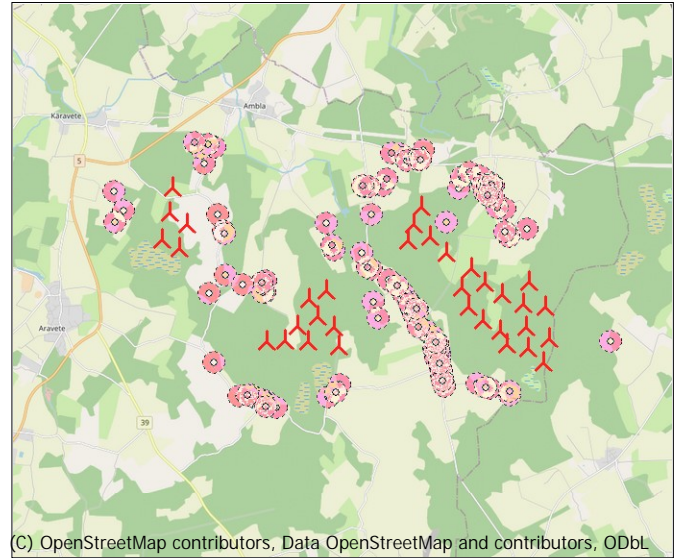
All coordinates are in

Estonian Lambert L-EST97-EST97 (EE)

WTGs

	East	North	Z	Row data/Description	WTG type		Power, rated [kW]	Rotor diameter [m]	Hub height [m]	Noise data		Wind speed [m/s]	Lwa,ref [dB(A)]	
					Valid	Manufact.				Type-generator	Creator			Name
1	611 506	6 557 587	110,0	Ala10	Yes	VESTAS	V172-7.2-7 200	7 200	180,0	180,0	USER	Copy of Level 0 - Measured - PO7200_108dB	10,0	108,0
1	603 109	6 560 194	100,0	Ala13	Yes	VESTAS	V172-7.2-7 200	7 200	180,0	180,0	USER	Copy of Level 0 - Measured - PO7200_108dB	10,0	108,0
1	607 553	6 557 291	110,0	TU11	Yes	VESTAS	V172-7.2-7 200	7 200	180,0	180,0	USER	Copy of Level 0 - Measured - PO7200_108dB	10,0	108,0
2	611 158	6 558 945	110,0	Ala10	Yes	VESTAS	V172-7.2-7 200	7 200	180,0	180,0	USER	Copy of Level 0 - Measured - PO7200_108dB	10,0	108,0
2	607 122	6 557 557	110,0	TU11	Yes	VESTAS	V172-7.2-7 200	7 200	180,0	180,0	USER	Copy of Level 0 - Measured - PO7200_108dB	10,0	108,0
2	602 913	6 559 486	100,0	Ala13	Yes	VESTAS	V172-7.2-7 200	7 200	180,0	180,0	USER	Copy of Level 0 - Measured - PO7200_108dB	10,0	108,0
3	603 398	6 559 258	100,0	Ala13	Yes	VESTAS	V172-7.2-7 200	7 200	180,0	180,0	USER	Copy of Level 0 - Measured - PO7200_108dB	10,0	108,0
3	611 999	6 558 292	110,0	Ala10	Yes	VESTAS	V172-7.2-7 200	7 200	180,0	180,0	USER	Copy of Level 0 - Measured - PO7200_108dB	10,0	108,0
3	607 335	6 558 258	110,0	TU11	Yes	VESTAS	V172-7.2-7 200	7 200	180,0	180,0	USER	Copy of Level 0 - Measured - PO7200_108dB	10,0	108,0
4	606 595	6 557 297	110,0	TU11	Yes	VESTAS	V172-7.2-7 200	7 200	180,0	180,0	USER	Copy of Level 0 - Measured - PO7200_108dB	10,0	108,0
4	603 176	6 560 874	100,0	Ala13	Yes	VESTAS	V172-7.2-7 200	7 200	180,0	180,0	USER	Copy of Level 0 - Measured - PO7200_108dB	10,0	108,0
4	612 689	6 558 645	115,8	Ala10	Yes	VESTAS	V172-7.2-7 200	7 200	180,0	180,0	USER	Copy of Level 0 - Measured - PO7200_108dB	10,0	108,0
5	606 278	6 556 890	110,0	TU11	Yes	VESTAS	V172-7.2-7 200	7 200	180,0	180,0	USER	Copy of Level 0 - Measured - PO7200_108dB	10,0	108,0
5	612 567	6 558 056	112,3	Ala10	Yes	VESTAS	V172-7.2-7 200	7 200	180,0	180,0	USER	Copy of Level 0 - Measured - PO7200_108dB	10,0	108,0
5	603 565	6 559 899	100,0	Ala13	Yes	VESTAS	V172-7.2-7 200	7 200	180,0	180,0	USER	Copy of Level 0 - Measured - PO7200_108dB	10,0	108,0
6	613 133	6 557 990	116,9	Ala10	Yes	VESTAS	V172-7.2-7 200	7 200	180,0	180,0	USER	Copy of Level 0 - Measured - PO7200_108dB	10,0	108,0
6	605 774	6 556 848	107,6	TU11	Yes	VESTAS	V172-7.2-7 200	7 200	180,0	180,0	USER	Copy of Level 0 - Measured - PO7200_108dB	10,0	108,0
7	613 277	6 557 145	114,1	Ala10	Yes	VESTAS	V172-7.2-7 200	7 200	180,0	180,0	USER	Copy of Level 0 - Measured - PO7200_108dB	10,0	108,0
7	606 887	6 556 886	110,0	TU11	Yes	VESTAS	V172-7.2-7 200	7 200	180,0	180,0	USER	Copy of Level 0 - Measured - PO7200_108dB	10,0	108,0
8	606 868	6 558 000	110,0	TU11	Yes	VESTAS	V172-7.2-7 200	7 200	180,0	180,0	USER	Copy of Level 0 - Measured - PO7200_108dB	10,0	108,0
8	613 133	6 556 503	110,8	Ala10	Yes	VESTAS	V172-7.2-7 200	7 200	180,0	180,0	USER	Copy of Level 0 - Measured - PO7200_108dB	10,0	108,0
9	612 720	6 556 874	110,0	Ala10	Yes	VESTAS	V172-7.2-7 200	7 200	180,0	180,0	USER	Copy of Level 0 - Measured - PO7200_108dB	10,0	108,0
9	607 683	6 556 797	110,0	TU11	Yes	VESTAS	V172-7.2-7 200	7 200	180,0	180,0	USER	Copy of Level 0 - Measured - PO7200_108dB	10,0	108,0
10	612 638	6 557 423	110,5	Ala10	Yes	VESTAS	V172-7.2-7 200	7 200	180,0	180,0	USER	Copy of Level 0 - Measured - PO7200_108dB	10,0	108,0
11	611 959	6 557 325	110,0	Ala10	Yes	VESTAS	V172-7.2-7 200	7 200	180,0	180,0	USER	Copy of Level 0 - Measured - PO7200_108dB	10,0	108,0
12	611 534	6 558 574	110,0	Ala10	Yes	VESTAS	V172-7.2-7 200	7 200	180,0	180,0	USER	Copy of Level 0 - Measured - PO7200_108dB	10,0	108,0
13	610 928	6 558 436	110,0	Ala10	Yes	VESTAS	V172-7.2-7 200	7 200	180,0	180,0	USER	Copy of Level 0 - Measured - PO7200_108dB	10,0	108,0
14	611 090	6 557 923	110,0	Ala10	Yes	VESTAS	V172-7.2-7 200	7 200	180,0	180,0	USER	Copy of Level 0 - Measured - PO7200_108dB	10,0	108,0
15	612 148	6 556 951	110,0	Ala10	Yes	VESTAS	V172-7.2-7 200	7 200	180,0	180,0	USER	Copy of Level 0 - Measured - PO7200_108dB	10,0	108,0
16	610 017	6 559 767	110,0	Ala10	Yes	VESTAS	V172-7.2-7 200	7 200	180,0	180,0	USER	Copy of Level 0 - Measured - PO7200_108dB	10,0	108,0
17	609 454	6 559 633	109,9	Ala10	Yes	VESTAS	V172-7.2-7 200	7 200	180,0	180,0	USER	Copy of Level 0 - Measured - PO7200_108dB	10,0	108,0
18	609 775	6 560 548	109,9	Ala10	Yes	VESTAS	V172-7.2-7 200	7 200	180,0	180,0	USER	Copy of Level 0 - Measured - PO7200_108dB	10,0	108,0
19	610 487	6 559 341	110,0	Ala10	Yes	VESTAS	V172-7.2-7 200	7 200	180,0	180,0	USER	Copy of Level 0 - Measured - PO7200_108dB	10,0	108,0
20	609 589	6 560 073	109,1	Ala10	Yes	VESTAS	V172-7.2-7 200	7 200	180,0	180,0	USER	Copy of Level 0 - Measured - PO7200_108dB	10,0	108,0

h) Generic octave distribution used



Scale 1:200 000
 New WTG
 Noise sensitive area

Calculation Results

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Sound level

Noise sensitive area		Immission height			Demands	Sound level	Distance to noise		Demands fulfilled ?
No.	Name	East	North	Z	Noise	From WTGs	Distance to noise demand	Noise	
				[m]	[dB(A)]	[dB(A)]	[m]		
A	Viljaku	605 537	6 555 357	105,9	2,0	40,0	35,4	657	Yes
B	Rava mõis	605 872	6 555 175	110,0	2,0	40,0	35,1	744	Yes
C	Kirjapi	611 515	6 560 900	113,0	2,0	40,0	36,6	665	Yes
D	Vankri	605 615	6 558 384	104,1	2,0	40,0	38,7	220	Yes
E	Mõisa	612 286	6 555 711	110,0	2,0	40,0	39,6	54	Yes
F	Mäe tn 2	610 313	6 556 660	110,0	2,0	40,0	38,5	290	Yes
G	Liivaku	611 400	6 555 904	110,0	2,0	40,0	38,7	209	Yes
H	Undiaugu	610 754	6 561 053	110,0	2,0	40,0	38,4	223	Yes
I	Õunila	601 663	6 559 905	99,2	2,0	40,0	36,2	479	Yes
J	Ande	612 264	6 555 609	110,0	2,0	40,0	38,9	159	Yes
K	Saare	605 409	6 555 411	103,9	2,0	40,0	35,4	653	Yes
L	Pärtli	610 320	6 556 922	110,0	2,0	40,0	39,4	103	Yes
M	Rehepapi	611 462	6 560 968	110,0	2,0	40,0	36,5	679	Yes
N	Antsu	607 645	6 555 552	110,0	2,0	40,0	37,6	350	Yes
O	Veskimäe	608 838	6 561 245	109,9	2,0	40,0	37,4	335	Yes
P	Männi	609 770	6 557 804	110,0	2,0	40,0	39,9	34	Yes
Q	Jäära	610 505	6 555 871	110,0	2,0	40,0	36,3	752	Yes
R	Maarja	612 612	6 560 042	120,0	2,0	40,0	37,9	375	Yes
S	Karjala	604 584	6 559 659	100,0	2,0	40,0	38,5	194	Yes
T	Kannikese	603 980	6 561 528	100,0	2,0	40,0	36,9	332	Yes
U	Kährikutoa	611 388	6 561 181	110,0	2,0	40,0	35,9	776	Yes
V	Lageda	609 733	6 561 784	110,0	2,0	40,0	36,1	481	Yes
W	Ilumäe	610 264	6 556 551	110,0	2,0	40,0	38,0	403	Yes
X	Niidu	610 284	6 556 966	110,0	2,0	40,0	39,5	100	Yes
Y	Männimäe	609 727	6 557 839	110,0	2,0	40,0	39,8	53	Yes
Z	Lillelehe	604 064	6 562 018	100,0	2,0	40,0	33,9	761	Yes
AA	Endla	604 205	6 558 083	100,0	2,0	40,0	36,4	657	Yes
AB	Karukaevu	608 584	6 557 989	110,0	2,0	40,0	39,9	27	Yes
AC	Männaru	609 683	6 557 734	110,0	2,0	40,0	39,4	145	Yes
AD	Pödra	611 727	6 555 767	110,0	2,0	40,0	38,8	185	Yes
AE	Kääno	611 025	6 561 498	110,0	2,0	40,0	35,5	730	Yes
AF	Sepa/1	608 222	6 561 034	100,0	2,0	40,0	35,7	685	Yes
AG	Vana-Prediku	610 253	6 556 768	110,0	2,0	40,0	38,7	258	Yes
AH	Pärja	609 769	6 557 761	110,0	2,0	40,0	39,8	57	Yes
AI	Kalda	609 359	6 558 222	110,0	2,0	40,0	39,6	117	Yes
AJ	Topsu	608 479	6 560 291	102,1	2,0	40,0	39,1	132	Yes
AK	Lindala	609 384	6 561 735	110,0	2,0	40,0	36,1	487	Yes
AL	Alt-Sepa	609 793	6 562 030	110,0	2,0	40,0	34,7	727	Yes
AM	Kindela	608 750	6 561 087	108,7	2,0	40,0	37,7	290	Yes
AN	Jaama	612 014	6 559 932	114,6	2,0	40,0	39,6	77	Yes
AO	Kallaste	604 387	6 560 168	100,0	2,0	40,0	39,7	39	Yes
AP	Sireli	609 323	6 561 856	110,0	2,0	40,0	35,3	620	Yes
AQ	Tammiku	605 809	6 555 258	109,9	2,0	40,0	35,5	676	Yes
AR	Lüsiingu	608 524	6 558 832	110,0	2,0	40,0	39,6	202	Yes
AS	Sinimäe	611 631	6 555 806	110,0	2,0	40,0	38,8	189	Yes
AT	Uueni	607 455	6 555 424	110,0	2,0	40,0	37,0	449	Yes
AU	Lille	610 009	6 557 245	110,0	2,0	40,0	39,3	136	Yes
AV	Uustalu	610 378	6 556 660	110,0	2,0	40,0	38,7	245	Yes
AW	Aleksandri	610 442	6 556 173	110,0	2,0	40,0	37,2	561	Yes
AX	Tooma	610 519	6 555 790	110,0	2,0	40,0	36,0	806	Yes
AY	Nõmme	608 702	6 557 544	110,0	2,0	40,0	39,7	61	Yes
AZ	Kübarsepa	610 372	6 556 459	110,0	2,0	40,0	38,0	395	Yes
BA	Õobiku	605 645	6 558 149	102,3	2,0	40,0	39,7	50	Yes
BB	Vana-Prediku/1	610 225	6 556 777	110,0	2,0	40,0	38,6	272	Yes
BC	Sanglepa	614 912	6 557 119	120,0	2,0	40,0	35,6	688	Yes
BD	Koopa	607 502	6 559 342	108,5	2,0	40,0	38,6	231	Yes
BE	Kopliotsa	609 786	6 557 332	110,0	2,0	40,0	38,9	269	Yes
BF	Uuetoa	610 265	6 556 989	110,0	2,0	40,0	39,5	99	Yes
BG	Siili	612 119	6 559 816	115,6	2,0	40,0	40,0	8	Yes
BH	Kaevandi	609 584	6 557 876	110,0	2,0	40,0	39,5	155	Yes
BI	Lõugu	605 688	6 558 139	102,9	2,0	40,0	39,9	11	Yes
BJ	Kure	603 732	6 562 075	100,0	2,0	40,0	34,4	648	Yes
BK	Kasemetsa	601 904	6 560 221	100,0	2,0	40,0	37,6	289	Yes

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Noise sensitive area		Immission height			Demands			Sound level		Demands fulfilled ?	
No.	Name	East	North	Z	Noise	From WTGs	Distance to noise demand	Noise	Noise	Noise	
		[m]			[dB(A)]	[dB(A)]	[m]				
BL	Tuuleveski	612 001	6 560 554	118,7	2,0	40,0	36,9	636	Yes		
BM	Mäe tn 3	610 273	6 556 739	110,0	2,0	40,0	38,6	263	Yes		
BN	Treieri	604 256	6 561 980	100,0	2,0	40,0	33,5	851	Yes		
BO	Voki	610 827	6 561 357	110,0	2,0	40,0	36,7	492	Yes		
BP	Hirve	601 610	6 560 727	100,0	2,0	40,0	34,9	691	Yes		
BQ	Langu	608 950	6 561 955	110,0	2,0	40,0	34,1	853	Yes		
BR	Männiku	608 241	6 559 275	108,6	2,0	40,0	39,0	299	Yes		
BS	Lahe	611 588	6 560 865	117,8	2,0	40,0	36,6	684	Yes		
BT	Adra	610 487	6 555 939	110,0	2,0	40,0	36,5	711	Yes		
BU	Uuetoa	604 373	6 556 245	100,0	2,0	40,0	34,5	779	Yes		
BV	Kivila	605 078	6 555 379	101,7	2,0	40,0	34,3	830	Yes		
BW	Suitsuri	606 083	6 555 109	110,0	2,0	40,0	35,1	772	Yes		
BX	Pärna	605 305	6 555 405	102,6	2,0	40,0	35,1	701	Yes		
BY	Niidu	605 810	6 555 130	110,0	2,0	40,0	34,8	801	Yes		
BZ	Mäe tn 5	610 335	6 556 739	110,0	2,0	40,0	38,8	219	Yes		
CA	Tiigira	611 517	6 561 123	111,8	2,0	40,0	35,8	829	Yes		
CB	Lalli	610 424	6 556 278	110,0	2,0	40,0	37,5	494	Yes		
CC	Sepa	608 240	6 561 016	100,0	2,0	40,0	35,8	660	Yes		
CD	Männituka	605 688	6 558 456	105,5	2,0	40,0	38,8	208	Yes		
CE	Vile	604 629	6 558 596	100,0	2,0	40,0	37,0	589	Yes		
CF	Hansurahva	610 444	6 556 064	110,0	2,0	40,0	36,8	642	Yes		
CG	Põllu	611 662	6 561 162	116,4	2,0	40,0	35,3	958	Yes		
CH	Mardi-Hansu	611 308	6 561 405	110,0	2,0	40,0	35,2	867	Yes		
CI	Kalviku	608 971	6 558 579	110,0	2,0	40,0	39,8	66	Yes		
CJ	Jõulu	604 541	6 559 742	100,0	2,0	40,0	38,9	145	Yes		
CK	Kooli	609 203	6 558 414	110,0	2,0	40,0	39,8	67	Yes		
CL	Sirtsu	609 519	6 558 003	110,0	2,0	40,0	39,5	138	Yes		
CM	Mäe tn 1	610 291	6 556 700	110,0	2,0	40,0	38,6	278	Yes		
CN	Kungla	609 175	6 561 938	110,0	2,0	40,0	34,6	746	Yes		
CO	Kitse	610 401	6 556 406	110,0	2,0	40,0	37,9	414	Yes		
CP	Eliase	607 432	6 559 462	107,6	2,0	40,0	38,0	343	Yes		
CQ	Kubja	611 702	6 560 852	119,1	2,0	40,0	36,4	743	Yes		
CR	Terase	607 273	6 560 036	101,0	2,0	40,0	35,7	911	Yes		
CS	Rohila	611 805	6 560 577	116,1	2,0	40,0	37,2	565	Yes		
CT	Jürirahva (kokkuleppega)	610 452	6 560 152	110,0	2,0	45,0	44,6	39	Yes		
CU	Prillupi	605 696	6 555 284	108,3	2,0	40,0	35,4	679	Yes		
CV	Laastu	608 401	6 558 900	110,0	2,0	40,0	39,5	248	Yes		
CW	Aedniku	608 392	6 561 030	102,4	2,0	40,0	36,3	540	Yes		
CX	Hansurahva/1	610 488	6 556 003	110,0	2,0	40,0	36,7	661	Yes		
CY	Ridala	610 185	6 557 088	110,0	2,0	40,0	39,5	94	Yes		
CZ	Raamatukogu	611 635	6 561 177	115,2	2,0	40,0	35,3	950	Yes		
DA	Järve	605 708	6 555 313	108,3	2,0	40,0	35,6	648	Yes		
DB	Tammekänu	609 561	6 557 964	110,0	2,0	40,0	39,6	126	Yes		
DC	Nurme	609 655	6 561 780	110,0	2,0	40,0	36,1	482	Yes		
DD	Koigi park	612 152	6 559 858	116,4	2,0	40,0	39,7	59	Yes		
DE	Pajuste	611 594	6 561 230	113,6	2,0	40,0	35,2	959	Yes		
DF	Harri	605 600	6 558 423	104,3	2,0	40,0	38,6	256	Yes		
DG	Laasi	603 920	6 561 927	100,0	2,0	40,0	34,8	605	Yes		
DH	Tammiku	609 671	6 557 674	110,0	2,0	40,0	39,3	186	Yes		
DI	Kilgi	605 100	6 558 353	100,0	2,0	40,0	37,2	604	Yes		
DJ	Piirsoo	607 731	6 555 763	110,0	2,0	40,0	38,8	161	Yes		
DK	Madise	611 630	6 561 141	115,6	2,0	40,0	35,5	921	Yes		
DL	Antsura	611 610	6 561 055	116,2	2,0	40,0	35,8	844	Yes		
DM	Pere	611 604	6 560 996	119,0	2,0	40,0	36,1	795	Yes		

Distances (m)

NSA	WTG																					
	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	7	7	8	8	9
A	6370	5410	2793	6666	2711	4891	4448	7095	3412	2209	5999	7870	1702	7528	4950	8037	1509	7941	2039	2958	7680	7339
B	6127	5727	2702	6491	2689	5227	4773	6872	3411	2241	6303	7648	1762	7286	5256	7785	1675	7660	1989	2994	7379	7053
C	3312	8433	5358	1987	5519	8715	8279	2652	4943	6096	8336	2541	6594	3031	8010	3328	7025	4147	6124	5476	4684	4201
D	5943	3090	2224	5570	1718	2917	2382	6383	1724	1463	3484	7077	1634	6958	2548	7526	1544	7759	1965	1310	7747	7261

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Table with columns: NSA, WTG, and 25 columns of numerical data representing decibel values for various locations (E to BV).

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WTG																							
NSA	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	7	7	8	8	9		
BW	5960	5889	2630	6360	2659	5403	4940	6716	3388	2246	6454	7491	1791	7120	5410	7614	1766	7474	1950	2995	7184	6866	
BX	6572	5267	2933	6838	2816	4729	4298	7288	3500	2289	5867	8062	1775	7728	4818	8241	1517	8157	2166	3028	7902	7557	
BY	6201	5738	2775	6567	2758	5230	4780	6948	3479	2304	6317	7723	1821	7361	5269	7859	1718	7732	2059	3058	7448	7124	
BZ	1445	8007	2835	2354	3314	7912	7378	2275	3362	3780	8265	3029	4059	2591	7469	3064	4561	2969	3450	3688	2807	2388	
CA	3535	8456	5512	2207	5658	8756	8328	2871	5068	6232	8342	2740	6733	3241	8043	3524	7157	4349	6274	5599	4893	4415	
CB	1698	8295	3044	2765	3540	8165	7629	2556	3668	3961	8580	3276	4190	2784	7754	3204	4683	2981	3588	3950	2717	2371	
CC	4734	5195	3787	5577	3634	5541	5150	4641	2902	4065	5064	5040	4567	5241	4805	5751	4841	6351	4345	3312	6654	6099	
CD	5881	3109	2198	5490	1692	2959	2426	6311	1658	1471	3486	7002	1673	6888	2566	7457	1610	7699	1975	1265	7694	7205	
CE	6948	2205	3201	6536	2700	1932	1397	7374	2726	2356	2701	8058	2372	7954	1682	8523	2089	8766	2832	2316	8755	8270	
CF	1856	8415	3140	2967	3641	8269	7734	2716	3804	4040	8713	3420	4246	2910	7873	3307	4734	3031	3650	4065	2724	2415	
CG	3577	8605	5643	2273	5795	8905	8478	2889	5209	6371	8488	2717	6871	3234	8192	3495	7297	4328	6408	5741	4884	4415	
CH	3822	8285	5568	2464	5684	8609	8194	3188	5067	6250	8147	3085	6757	3577	7886	3871	7166	4692	6320	5594	5229	4744	
CI	2721	6078	1915	2217	2112	6124	5612	3041	1667	2699	6231	3718	3178	3633	5563	4202	3634	4537	2684	2181	4650	4117	
CJ	7288	1501	3882	6663	3381	1647	1241	7595	3163	3192	1773	8219	3338	8199	988	8766	3145	9111	3695	2906	9179	8664	
CK	2446	6347	1995	2025	2250	6379	5864	2798	1874	2836	6508	3493	3297	3382	5828	3952	3768	4266	2774	2371	4369	3838	
CL	2029	6772	2090	1890	2437	6768	6246	2496	2198	3007	6960	3234	3426	3047	6247	3613	3918	3853	2858	2650	3912	3393	
CM	1504	7984	2800	2406	3282	7884	7350	2334	3340	3743	8246	3087	4016	2648	7446	3120	4518	3018	3408	3660	2848	2434	
CN	4934	6310	4920	3589	4837	6723	6366	4610	4113	5308	6091	4814	5818	5153	5967	5589	6120	6307	5544	4563	6721	6180	
CO	1617	8215	2981	2649	3474	8094	7559	2471	3581	3908	8492	3201	4150	2722	7674	3157	4647	2968	3546	3875	2733	2365	
CP	4483	4383	2174	3760	1929	4518	4038	4713	1208	2320	4483	5319	2818	5322	3890	5886	3094	6285	2632	1567	6421	5885	
CQ	3270	8615	5466	1982	5640	8892	8453	2576	5078	6221	8523	2417	6715	2926	8190	3199	7151	4026	6236	5611	4577	4105	
CR	4889	4166	2758	4034	2483	4393	3951	5036	1779	2821	4180	5590	3299	5650	3709	6205	3522	6662	3173	2075	6840	6296	
CS	3004	8702	5372	1755	5571	8956	8507	2292	5034	6155	8631	2124	6642	2633	8265	2907	7088	3733	6147	5567	4284	3813	
CT	2772	7341	4072	1398	4220	7566	7108	2418	3646	4797	7309	2697	5296	2977	6889	3443	5725	4125	4833	4179	4527	3985	
CU	6248	5548	2733	6573	2682	6723	6366	4589	6982	3395	2204	6130	7757	1708	7407	5082	7911	1565	7804	1996	2957	7534	7199
CV	3370	5446	1818	2756	1854	5517	5014	3648	1244	2414	5584	4295	2923	4249	4937	4817	3332	5181	2519	1777	5303	4769	
CW	4641	5347	3831	3463	3697	5691	5297	4527	2966	4142	5217	4913	4647	5124	4956	5630	4932	6239	4407	3391	6553	5998	
CX	1882	8483	3204	3016	3706	8335	7799	2742	3875	4101	8783	3438	4301	2921	7941	3307	4788	3013	3707	4133	2691	2395	
CY	1412	7725	2639	2096	3098	7655	7123	2177	3080	3595	7964	2948	3911	2570	7190	3082	4416	3092	3303	3439	3005	2543	
CZ	3591	8580	5634	2282	5784	8882	8455	2907	5195	6358	8462	2741	6859	3256	8168	3520	7284	4352	6398	5727	4907	4436	
DA	6226	5528	2704	6547	2652	5021	4570	6958	3363	2173	6108	7734	1676	7385	5060	7890	1536	7785	1965	2926	7517	7181	
DB	1981	6824	2117	1874	2472	6818	6295	2459	2245	3039	7015	3201	3453	3006	6298	3571	3947	3804	2882	2692	3858	3341	
DC	4582	6733	4955	3208	4923	7119	6744	4201	4216	5426	6540	4361	5941	4726	6372	5142	6274	5880	5621	4695	6318	5783	
DD	2360	9046	5265	1349	5530	9244	8772	1573	5074	6117	9030	1326	6579	1849	8584	2109	7050	2936	6044	5599	3494	3037	
DE	3643	8545	5641	2325	5785	8852	8427	2965	5192	6359	8423	2806	6860	3319	8136	3586	7283	4417	6403	5722	4970	4498	
DF	5963	3055	2557	5581	1751	2889	2354	6398	1742	1502	3446	7091	1676	6974	2513	7543	1584	7780	2004	1336	7771	7284	
DG	8737	1913	5888	7826	5416	2640	2719	8856	5011	5346	1289	9360	5560	9471	2058	10016	5405	10505	5847	4909	10688	10144	
DH	1836	7027	2152	1956	2551	6994	6468	2408	2407	3098	7238	3170	3481	2920	6497	3475	3982	3643	2892	2821	3654	3151	
DI	6450	2711	2672	6085	2172	2462	1927	6897	2236	1830	3170	7593	1878	7471	2178	8039	1649	8263	2311	1802	8241	7760	
DJ	4191	6401	1538	4675	1894	6087	5565	4959	2525	1908	6844	5734	1838	5350	5869	5841	2237	5714	1404	2397	5451	5110	
DK	3555	8571	5606	2245	5757	8870	8442	2872	5171	6333	8456	2710	6833	3223	8157	3490	7259	4321	6370	5703	4874	4403	
DL	3468	8542	5532	2157	5688	8835	8404	2789	5107	6265	8433	2639	6764	3147	8125	3421	7192	4249	6298	5639	4798	4324	
DM	3409	8530	5488	2098	5648	8818	8385	2732	5070	6225	8426	2588	6723	3093	8111	3371	7153	4197	6254	5602	4744	4269	

WTG												
NSA	9	10	11	12	13	14	15	16	17	18	19	20
A	2584	7393	6715	6803	6206	6115	6798	6284	5797	6699	6352	6216
B	2430	7127	6454	6602	6015	5896	6520	6184	5717	6639	6215	6147
C	5612	3653	3601	2325	2532	3006	3998	1878	2419	1775	1867	2095
D	2606	7086	6430	5920	5312	5493	6686	4613	4036	4688	4964	4317
E	4728	1747	1646	2959	3044	2514	1247	4646	4836	5448	4050	5127
F	2633	2446	1775	2270	1879	1482	1857	3120	3094	3924	2686	3488
G	3822	1959	1527	2673	2575	2042	1286	4102	4205	4919	3555	4544
H	5247	4088	3917	2598	2622	3147	4331	1482	1925	1101	1732	1522
I	6773	11249	10611	9957	9378	9630	10890	8352	7793	8135	8839	7925
J	4731	1852	1742	3053	3126	2594	1347	4725	4906	5529	4132	5202
K	2662	7501	6822	6891	6292	6210	6911	6339	5845	6740	6419	6260
L	2639	2371	1687	2049	1631	1262	1828	2860	2845	3666	2424	3234
M	5627	3734	3676	2394	2587	3067	4074	1878	2411	1738	1896	2075
N	1245	5330	4663	4924	4368	4181	4714	4835	4463	5429	4735	4920
O	4594	5388	5009	3794	3500	4012	5420	1890	1725	1167	2518	1392
P	2317	2892	2240	1924	1319	1325	2526	1978	1856	2743	1695	2275
Q	2969	2637	2056	2891	2599	2133	1966	3925	3905	4732	3469	4299
R	5899	2618	2793	1821	2326	2608	3125	2609	3183	2881	2237	3022
S	4217	8356	7733	7032	6459	6731	8032	5432	4869	5265	5910	5020
T	6006	9579	9015	8108	7603	7969	9360	6287	5791	5875	6862	5793
U	5738	3959	3897	2610	2782	3271	4296	1969	2476	1732	2048	2112
V	5390	5238	4982	3680	3554	4091	5401	2036	2168	1236	2556	1716

DECIBEL - Main Result

Calculation: Põhja_ala_29042024

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WTG												
NSA	9	10	11	12	13	14	15	16	17	18	19	20
W	2592	2528	1863	2388	1998	1601	1925	3224	3186	4026	2798	3585
X	2606	2397	1712	2036	1604	1251	1863	2813	2792	3617	2383	3183
Y	2294	2940	2290	1950	1341	1365	2578	1949	1814	2709	1683	2238
Z	6351	9725	9182	8223	7740	8130	9538	6362	5892	5895	6956	5855
AA	3707	8456	7788	7343	6730	6885	8021	6049	5471	6089	6405	5738
AB	1494	4092	3439	3006	2385	2506	3711	2283	1859	2822	2334	2313
AC	2208	2970	2312	2032	1429	1419	2586	2060	1912	2815	1796	2340
AD	4172	1889	1575	2813	2785	2247	1256	4349	4483	5162	3782	4806
AE	5766	4381	4275	2967	3063	3574	4682	2002	2438	1570	2222	2022
AF	4270	5703	5263	4124	3750	4230	5662	2196	1865	1627	2827	1670
AG	2569	2473	1794	2213	1799	1426	1903	3007	2973	3809	2583	3370
AH	2297	2888	2232	1943	1341	1330	2512	2021	1898	2786	1735	2318
AI	2199	3374	2749	2203	1583	1756	3064	1679	1414	2362	1588	1865
AJ	3582	5050	4571	3503	3071	3524	4960	1624	1176	1321	2221	1131
AK	5221	5400	5105	3822	3641	4175	5523	2067	2102	1249	2635	1674
AL	5641	5413	5178	3868	3768	4306	5597	2273	2420	1482	2776	1967
AM	4419	5341	4943	3749	3430	3934	5351	1829	1615	1158	2462	1316
AN	5345	2585	2607	1440	1848	2211	2983	2003	2577	2321	1637	2428
AO	4713	8693	8086	7320	6764	7067	8399	5642	5094	5400	6154	5201
AP	5316	5534	5240	3956	3777	4310	5659	2201	2226	1383	2770	1802
AQ	2424	7162	6486	6614	6023	5913	6559	6166	5693	6610	6207	6120
AR	2201	4347	3750	3020	2436	2721	4082	1761	1227	2123	2027	1635
AS	4069	1904	1554	2769	2721	2184	1256	4276	4401	5091	3714	4729
AT	1391	5553	4887	5152	4596	4410	4934	5041	4658	5623	4952	5114
AU	2368	2634	1951	2022	1504	1276	2158	2521	2451	3310	2149	2858
AV	2698	2385	1715	2235	1859	1449	1793	3127	3112	3933	2682	3502
AW	2828	2526	1904	2637	2314	1866	1874	3618	3597	4424	3167	3991
AX	3009	2674	2104	2962	2677	2207	2000	4007	3987	4814	3550	4381
AY	1263	3937	3263	3013	2397	2417	3496	2582	2220	3189	2532	2679
AZ	2709	2462	1807	2412	2053	1630	1842	3326	3303	4131	2883	3697
BA	2445	7028	6366	5902	5289	5448	6610	4660	4087	4775	4985	4387
BB	2541	2497	1818	2223	1801	1435	1930	2996	2957	3797	2577	3356
BC	7234	2293	2959	3677	4195	3904	2768	5564	6007	6174	4950	6086
BD	2551	5481	4891	4103	3543	3857	5223	2550	1973	2572	2984	2211
BE	2169	2853	2172	2144	1588	1431	2392	2445	2324	3215	2127	2747
BF	2588	2412	1726	2030	1591	1246	1883	2788	2765	3591	2362	3156
BG	5364	2448	2495	1372	1822	2154	2864	2102	2670	2455	1699	2542
BH	2185	3086	2437	2070	1456	1506	2725	1939	1761	2678	1720	2196
BI	2404	6985	6322	5860	5247	5405	6566	4624	4050	4743	4946	4353
BJ	6591	10045	9497	8549	8061	8446	9850	6693	6219	6231	7285	6188
BK	6715	11089	10460	9767	9196	9466	10750	8123	7570	7875	8625	7684
BL	5722	3194	3228	2034	2374	2783	3605	2134	2708	2225	1939	2459
BM	2590	2461	1784	2226	1818	1438	1886	3038	3007	3840	2610	3402
BN	6212	9538	8997	8033	7552	7945	9355	6169	5701	5700	6765	5662
BO	5537	4329	4187	2870	2922	3443	4598	1784	2203	1327	2044	1783
BP	7231	11509	10890	10152	9592	9883	11191	8459	7917	8164	8982	8003
BQ	5310	5841	5520	4254	4036	4563	5937	2434	2375	1631	3031	1987
BR	2539	4770	4197	3366	2814	3153	4544	1842	1264	1993	2246	1566
BS	5637	3597	3558	2291	2516	2983	3953	1916	2463	1840	1879	2149
BT	2931	2612	2021	2834	2535	2073	1944	3856	3834	4662	3401	4229
BU	3355	8346	7660	7528	6909	6921	7805	6651	6105	6904	6851	6468
BV	2965	7829	7149	7201	6599	6526	7240	6605	6101	6982	6703	6508
BW	2325	6949	6278	6457	5875	5742	6337	6095	5640	6572	6106	6075
BX	2755	7603	6923	6987	6386	6307	7013	6419	5922	6812	6505	6334
BY	2507	7200	6527	6678	6091	5971	6592	6259	5791	6712	6291	6220
BZ	2652	2402	1726	2191	1797	1404	1825	3044	3024	3849	2606	3415
CA	5779	3865	3822	2548	2750	3227	4218	2021	2544	1834	2058	2195
CB	2789	2492	1857	2549	2215	1774	1850	3512	3491	4318	3063	3885
CC	4254	5677	5238	4099	3725	4204	5637	2171	1840	1604	2802	1645
CD	2594	7024	6370	5845	5238	5427	6631	4522	3944	4590	4878	4222
CE	3543	8092	7437	6903	6299	6494	7694	5512	4934	5502	5903	5174
CF	2856	2580	1970	2736	2420	1967	1920	3726	3703	4532	3276	4098
CG	5905	3863	3847	2590	2822	3288	4238	2156	2685	1984	2166	2341
CH	5861	4197	4130	2839	2992	3488	4531	2085	2564	1756	2221	2174
CI	2198	3844	3239	2562	1962	2218	3569	1582	1159	2126	1696	1616

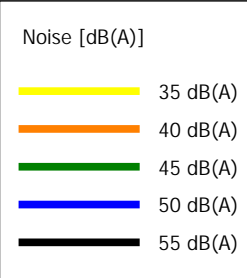
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DECIBEL - Main Result

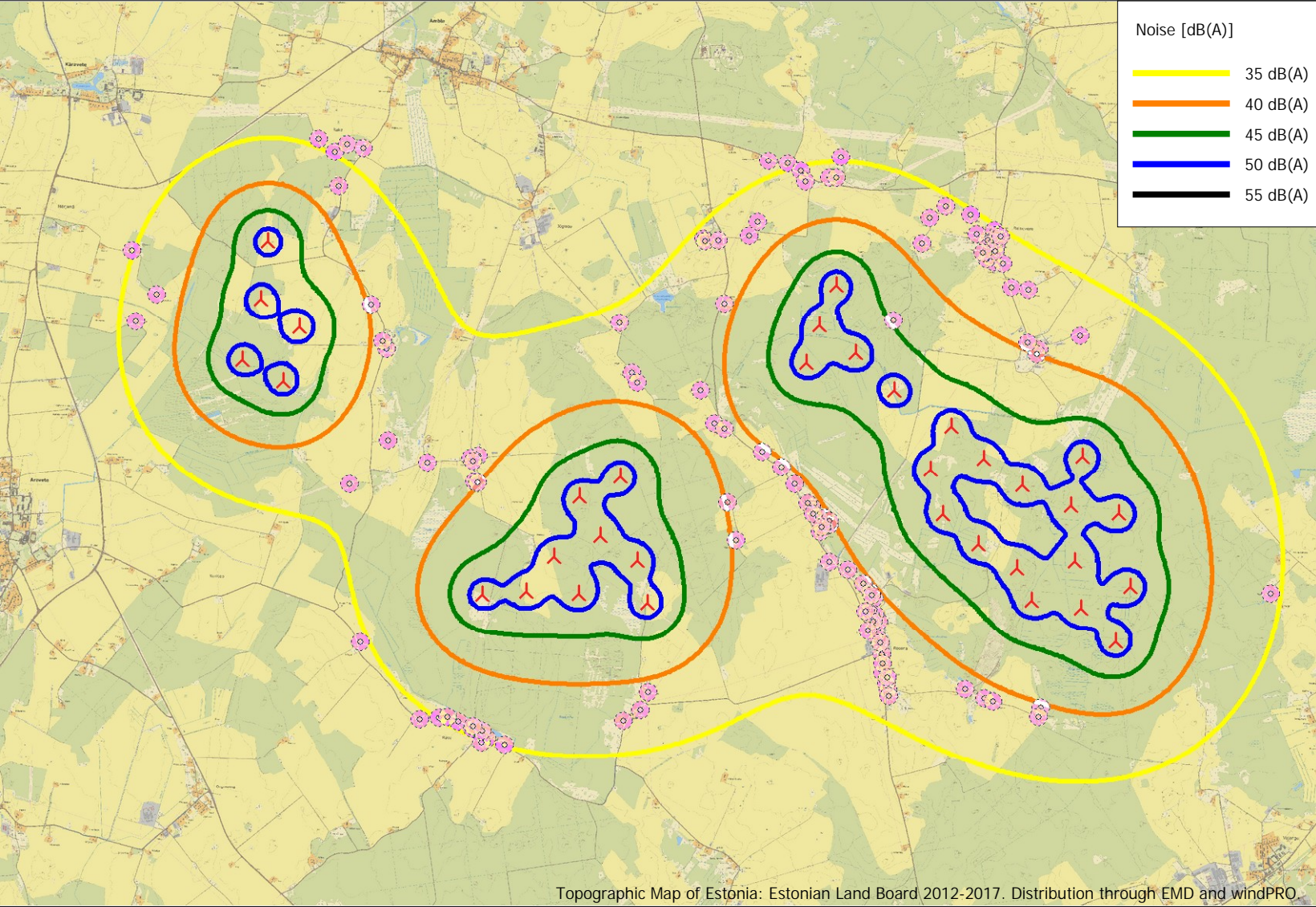
Calculation: Põhja_ala_29042024

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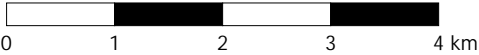
WTG												
NSA	9	10	11	12	13	14	15	16	17	18	19	20
CJ	4305	8420	7799	7088	6517	6795	8100	5474	4913	5294	5958	5057
CK	2219	3574	2962	2336	1725	1949	3287	1578	1244	2209	1583	1703
CL	2196	3171	2532	2094	1474	1573	2831	1832	1631	2557	1651	2071
CM	2609	2455	1781	2248	1849	1460	1873	3078	3049	3881	2647	3444
CN	5351	5688	5386	4107	3915	4447	5804	2328	2321	1513	2909	1910
CO	2745	2457	1808	2445	2097	1666	1829	3382	3362	4188	2935	3755
CP	2676	5589	5004	4196	3642	3967	5341	2602	2029	2582	3056	2241
CQ	5707	3553	3535	2283	2536	2991	3925	2003	2556	1950	1938	2251
CR	3264	5966	5412	4503	3989	4361	5767	2756	2217	2553	3287	2316
CS	5591	3261	3255	2021	2313	2748	3641	1962	2533	2030	1806	2272
CT	4349	3495	3203	1913	1780	2318	3621	581	1125	784	811	866
CU	2497	7262	6585	6699	6106	6003	6662	6224	5746	6657	6276	6170
CV	2221	4486	3890	3149	2568	2860	4222	1833	1283	2145	2131	1669
CW	4291	5569	5141	3987	3627	4114	5543	2057	1754	1464	2690	1532
CX	2914	2576	1977	2775	2472	2012	1911	3792	3773	4599	3337	4167
CY	2518	2475	1789	2006	1539	1231	1967	2683	2647	3483	2272	3043
CZ	5897	3884	3864	2604	2830	3298	4256	2145	2671	1963	2165	2324
DA	2470	7242	6565	6674	6081	5980	6643	6195	5716	6627	6248	6140
DB	2210	3123	2481	2064	1446	1529	2777	1859	1672	2592	1659	2109
DC	5357	5279	5014	3715	3577	4114	5433	2045	2156	1237	2576	1708
DD	5415	2482	2540	1425	1876	2207	2906	2136	2706	2474	1743	2571
DE	5910	3946	3921	2656	2871	3344	4313	2150	2669	1942	2189	2314
DF	2642	7106	6451	5934	5326	5511	6709	4615	4038	4683	4971	4315
DG	6360	9810	9260	8317	7827	8210	9613	6466	5989	6013	7056	5963
DH	2172	2977	2314	2068	1469	1440	2580	2121	1970	2875	1855	2400
DI	3015	7593	6933	6436	5827	6004	7184	5115	4537	5163	5475	4806
DJ	1035	5179	4506	4728	4166	3992	4573	4609	4235	5202	4515	4692
DK	5867	3851	3829	2568	2794	3262	4221	2118	2647	1947	2132	2303
DL	5791	3773	3745	2481	2705	3174	4138	2048	2582	1903	2048	2246
DM	5743	3718	3687	2422	2647	3115	4080	2007	2545	1882	1996	2216



Project:
Järva_tuulikud
 Description:
 25 m arvutusvõrk



DECIBEL -
Map 10,0 m/s
 Calculation:
 Põhja_ala_29042024



Map: Estonian Topographic Map , Print scale 1:70 000, Map center Estonian Lambert L-EST97-EST97 (EE) East: 607 834 North: 6 558 691

New WTG

Noise sensitive area

Noise calculation model: ISO 9613-2 General. Wind speed: 10,0 m/s
 Height above sea level from active line object

Licensed user:
 Lemma OÜ
 Värvi 5 - A308
 EE-10621 Tallinn
 +3725059914
 Piret Toonpere / piret@lemma.ee
 Calculated:
 29.04.2024 09:35/4.0.540