

DECIBEL - Main Result

Calculation: Low-frequency_N175-6.8MW (162m HH)

...continued from previous page

Noise sensitive area		Longitude	Latitude	Z	Immission height	Wind speed	Demands		Sound level	Distance to noise demand	Demands fulfilled ?
No.	Name						Noise	From WTGs			
				[m]	[m]	[m/s]	[dB(A)]		[dB(A)]	[m]	Noise
G	Kropini	26,207134° E	56,504585° N	92,0	1,5	6,0	20,0		18,6	264	Yes
G						8,0	20,0		18,6	253	Yes
H	Ergli	26,198423° E	56,502938° N	87,9	1,5	6,0	20,0		19,5	90	Yes
H						8,0	20,0		19,6	77	Yes
I	Nazari	26,214929° E	56,519219° N	91,0	1,5	6,0	20,0		12,7	1 882	Yes
I						8,0	20,0		12,8	1 873	Yes
J	Akoti	26,220549° E	56,502569° N	88,0	1,5	6,0	20,0		18,8	159	Yes
J						8,0	20,0		18,9	151	Yes
K	Linares	26,197407° E	56,520072° N	91,3	1,5	6,0	20,0		12,8	1 984	Yes
K						8,0	20,0		12,9	1 973	Yes
L	Lamani 1	26,195936° E	56,518989° N	90,3	1,5	6,0	20,0		13,1	1 858	Yes
L						8,0	20,0		13,2	1 847	Yes
M	Ro ž lejas	26,209238° E	56,514630° N	90,3	1,5	6,0	20,0		14,3	1 367	Yes
M						8,0	20,0		14,3	1 357	Yes
N	Aizupes	26,199053° E	56,518437° N	90,3	1,5	6,0	20,0		13,3	1 810	Yes
N						8,0	20,0		13,4	1 799	Yes
O	Kumelites	26,218886° E	56,509968° N	91,0	1,5	6,0	20,0		15,4	897	Yes
O						8,0	20,0		15,5	888	Yes
P	Vecumi	26,192519° E	56,505706° N	90,2	1,5	6,0	20,0		18,0	375	Yes
P						8,0	20,0		18,1	364	Yes
Q	Rutini	26,211042° E	56,518444° N	90,9	1,5	6,0	20,0		13,1	1 788	Yes
Q						8,0	20,0		13,1	1 779	Yes
R	Viksnes	26,207029° E	56,504358° N	91,6	1,5	6,0	20,0		18,7	240	Yes
R						8,0	20,0		18,7	229	Yes
S	Dimanti	26,187384° E	56,518664° N	89,8	1,5	6,0	20,0		13,1	1 832	Yes
S						8,0	20,0		13,2	1 822	Yes
T	Rudzi š i	26,197546° E	56,519321° N	90,6	1,5	6,0	20,0		13,0	1 901	Yes
T						8,0	20,0		13,1	1 890	Yes
U	Podnieki	26,225499° E	56,513205° N	92,5	1,5	6,0	20,0		13,8	1 363	Yes
U						8,0	20,0		13,8	1 355	Yes
V	Marsnica	26,227741° E	56,512101° N	90,0	1,5	6,0	20,0		13,9	1 305	Yes
V						8,0	20,0		14,0	1 297	Yes
W	Vilkmui ž a	26,237475° E	56,514054° N	92,0	1,5	6,0	20,0		12,5	1 795	Yes
W						8,0	20,0		12,5	1 787	Yes
X	Vecergli	26,235536° E	56,517157° N	90,8	1,5	6,0	20,0		11,9	2 026	Yes
X						8,0	20,0		12,0	2 018	Yes
Y	Kvie š i	26,154412° E	56,500927° N	89,0	1,5	6,0	20,0		15,6	1 109	Yes
Y						8,0	20,0		15,7	1 095	Yes
Z	Me ž a Rasas	26,169055° E	56,501189° N	90,0	1,5	6,0	20,0		17,7	450	Yes
Z						8,0	20,0		17,8	439	Yes
AA	Dravnieki	26,171153° E	56,499901° N	87,7	1,5	6,0	20,0		18,6	257	Yes
AA						8,0	20,0		18,7	246	Yes
AB	Ogu Purvs	26,152495° E	56,497838° N	88,3	1,5	6,0	20,0		16,1	910	Yes
AB						8,0	20,0		16,2	899	Yes
AC	Jaunmedni	26,165627° E	56,508563° N	90,2	1,5	6,0	20,0		14,9	1 214	Yes
AC						8,0	20,0		15,0	1 204	Yes
AD	Graudini	26,169543° E	56,500262° N	90,6	1,5	6,0	20,0		18,2	357	Yes
AD						8,0	20,0		18,2	345	Yes
AE	Birznieki	26,167532° E	56,502200° N	88,9	1,5	6,0	20,0		17,1	596	Yes
AE						8,0	20,0		17,2	585	Yes
AF	Irbites	26,167241° E	56,510128° N	89,0	1,5	6,0	20,0		14,6	1 303	Yes
AF						8,0	20,0		14,7	1 293	Yes
AG	Ruki	26,168833° E	56,500283° N	90,9	1,5	6,0	20,0		18,0	390	Yes
AG						8,0	20,0		18,1	379	Yes
AH	Vipmali	26,149905° E	56,484230° N	90,0	1,5	6,0	20,0		18,9	174	Yes
AH						8,0	20,0		19,0	164	Yes
AI	Galvani 1	26,122805° E	56,478966° N	94,0	1,5	6,0	20,0		13,2	1 609	Yes
AI						8,0	20,0		13,3	1 602	Yes
AJ	Pludmales 1	26,148820° E	56,465677° N	85,5	1,5	6,0	20,0		17,9	282	Yes
AJ						8,0	20,0		18,0	275	Yes
AK	Pludmales	26,149040° E	56,465610° N	85,6	1,5	6,0	20,0		17,9	280	Yes
AK						8,0	20,0		18,0	274	Yes

To be continued on next page...

DECIBEL - Main Result

Calculation: Low-frequency_N175-6.8MW (162m HH)

...continued from previous page

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	17,0	622	Yes
AL						8,0	20,0	17,1	611	Yes
AM	Ziedini	26,114434° E	56,468966° N	87,0	1,5	6,0	20,0	11,6	2 021	Yes
AM						8,0	20,0	11,7	2 015	Yes
AN	Strautini	26,112449° E	56,469534° N	88,7	1,5	6,0	20,0	11,4	2 135	Yes
AN						8,0	20,0	11,5	2 129	Yes
AO	Druvas	26,131471° E	56,473578° N	86,0	1,5	6,0	20,0	14,8	953	Yes
AO						8,0	20,0	14,9	946	Yes
AP	Saulkrasti	26,107300° E	56,469842° N	87,3	1,5	6,0	20,0	10,7	2 448	Yes
AP						8,0	20,0	10,8	2 441	Yes
AQ	Jaundruvas 1	26,131987° E	56,472637° N	88,5	1,5	6,0	20,0	14,9	915	Yes
AQ						8,0	20,0	14,9	909	Yes
AR	Zilites	26,131108° E	56,471880° N	87,0	1,5	6,0	20,0	14,6	969	Yes
AR						8,0	20,0	14,7	962	Yes
AS	Avotini	26,121551° E	56,481424° N	92,9	1,5	6,0	20,0	13,0	1 783	Yes
AS						8,0	20,0	13,0	1 775	Yes
AT	Biksti	26,124410° E	56,483251° N	95,0	1,5	6,0	20,0	13,4	1 719	Yes
AT						8,0	20,0	13,4	1 711	Yes
AU	Tudalinas	26,119697° E	56,469646° N	87,0	1,5	6,0	20,0	12,4	1 690	Yes
AU						8,0	20,0	12,5	1 684	Yes
AV	Kalnares	26,127965° E	56,480344° N	94,9	1,5	6,0	20,0	14,1	1 374	Yes
AV						8,0	20,0	14,1	1 366	Yes
AW	Suš i	26,153089° E	56,492562° N	88,0	1,5	6,0	20,0	17,7	430	Yes
AW						8,0	20,0	17,8	420	Yes
AX	Jaundruvas	26,130673° E	56,473442° N	86,0	1,5	6,0	20,0	14,6	1 000	Yes
AX						8,0	20,0	14,7	994	Yes
AY	Straumenini	26,116258° E	56,469089° N	89,2	1,5	6,0	20,0	11,9	1 908	Yes
AY						8,0	20,0	12,0	1 902	Yes
AZ	Krasta Ozoli	26,128750° E	56,471771° N	87,3	1,5	6,0	20,0	14,1	1 114	Yes
AZ						8,0	20,0	14,2	1 108	Yes
BA	Galvani	26,135926° E	56,487675° N	91,5	1,5	6,0	20,0	15,1	1 089	Yes
BA						8,0	20,0	15,1	1 080	Yes
BB	Muižnieki	26,113280° E	56,465079° N	90,6	1,5	6,0	20,0	11,2	2 185	Yes
BB						8,0	20,0	11,3	2 179	Yes
BC	Krastini	26,133875° E	56,466527° N	89,5	1,5	6,0	20,0	14,6	940	Yes
BC						8,0	20,0	14,7	934	Yes
BD	Strauti	26,118340° E	56,466957° N	87,9	1,5	6,0	20,0	12,0	1 829	Yes
BD						8,0	20,0	12,1	1 822	Yes
BE	Purenes	26,117319° E	56,466719° N	88,8	1,5	6,0	20,0	11,9	1 896	Yes
BE						8,0	20,0	11,9	1 890	Yes
BF	Uplejas	26,118169° E	56,466952° N	88,0	1,5	6,0	20,0	12,0	1 839	Yes
BF						8,0	20,0	12,1	1 833	Yes
BG	Spridīši	26,114672° E	56,465253° N	89,7	1,5	6,0	20,0	11,4	2 098	Yes
BG						8,0	20,0	11,5	2 091	Yes
BH	Klavas	26,157722° E	56,460261° N	90,7	1,5	6,0	20,0	17,5	385	Yes
BH						8,0	20,0	17,6	377	Yes
BI	Kaupres	26,154481° E	56,452570° N	88,7	1,5	6,0	20,0	14,2	1 120	Yes
BI						8,0	20,0	14,2	1 113	Yes
BJ	Kaupres 1	26,154736° E	56,452617° N	88,6	1,5	6,0	20,0	14,2	1 107	Yes
BJ						8,0	20,0	14,3	1 100	Yes
BK	Liciši	26,109041° E	56,468627° N	91,7	1,5	6,0	20,0	10,9	2 356	Yes
BK						8,0	20,0	11,0	2 349	Yes
BL	Liepsala	26,158460° E	56,460663° N	89,0	1,5	6,0	20,0	17,9	323	Yes
BL						8,0	20,0	17,9	314	Yes
BM	Mežvidi	26,140069° E	56,453828° N	88,1	1,5	6,0	20,0	12,9	1 687	Yes
BM						8,0	20,0	13,0	1 680	Yes
BN	Mežāmuižā	26,131989° E	56,466718° N	90,8	1,5	6,0	20,0	14,3	1 037	Yes
BN						8,0	20,0	14,3	1 031	Yes
BO	Vilniši	26,132310° E	56,466977° N	90,0	1,5	6,0	20,0	14,4	1 008	Yes
BO						8,0	20,0	14,4	1 002	Yes
BP	Raceni	26,133513° E	56,467240° N	88,0	1,5	6,0	20,0	14,6	928	Yes
BP						8,0	20,0	14,7	922	Yes

To be continued on next page...

DECIBEL - Main Result

Calculation: Low-frequency_N175-6.8MW (162m HH)

...continued from previous page

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]	
BQ	Vipes skola 1	26,119453° E	56,467114° N	86,4	1,5	6,0	20,0	12,2	1 758	Yes
BQ						8,0	20,0	12,3	1 752	Yes
BR	Slipie 1	26,139496° E	56,463705° N	85,0	1,5	6,0	20,0	15,2	826	Yes
BR						8,0	20,0	15,2	819	Yes
BS	Upmali	26,141987° E	56,463800° N	86,0	1,5	6,0	20,0	15,7	708	Yes
BS						8,0	20,0	15,8	701	Yes
BT	Ziemelnieki	26,152996° E	56,441528° N	88,6	1,5	6,0	20,0	11,1	2 226	Yes
BT						8,0	20,0	11,1	2 219	Yes
BU	Vasarnieki	26,261108° E	56,498230° N	91,0	1,5	6,0	20,0	11,9	2 033	Yes
BU						8,0	20,0	11,9	2 025	Yes
BV	Ata š a	26,251712° E	56,496522° N	89,0	1,5	6,0	20,0	13,5	1 429	Yes
BV						8,0	20,0	13,5	1 421	Yes
BW	Mui ž nieki	26,231972° E	56,492662° N	89,7	1,5	6,0	20,0	18,7	179	Yes
BW						8,0	20,0	18,8	171	Yes
BX	Rijasvecumi	26,227814° E	56,501950° N	90,9	1,5	6,0	20,0	17,5	374	Yes
BX						8,0	20,0	17,6	366	Yes
BY	Kalvani	26,226341° E	56,501709° N	89,3	1,5	6,0	20,0	18,0	292	Yes
BY						8,0	20,0	18,1	283	Yes
BZ	Uzkalnini	26,244752° E	56,493800° N	92,6	1,5	6,0	20,0	15,0	969	Yes
BZ						8,0	20,0	15,1	960	Yes
CA	Cakstes	26,260191° E	56,491064° N	90,5	1,5	6,0	20,0	12,3	1 924	Yes
CA						8,0	20,0	12,4	1 915	Yes
CB	Jaunie Vu š karnieki	26,234910° E	56,484228° N	88,0	1,5	6,0	20,0	17,1	550	Yes
CB						8,0	20,0	17,2	540	Yes
CC	Upmalnieki	26,227614° E	56,486271° N	87,4	1,5	6,0	20,0	19,6	60	Yes
CC						8,0	20,0	19,7	50	Yes
CD	Gruguli	26,259452° E	56,498488° N	91,6	1,5	6,0	20,0	12,1	1 940	Yes
CD						8,0	20,0	12,1	1 932	Yes
CE	Aramsala	26,253669° E	56,486836° N	91,8	1,5	6,0	20,0	13,4	1 599	Yes
CE						8,0	20,0	13,4	1 590	Yes
CF	Alksni š i	26,262738° E	56,486897° N	94,0	1,5	6,0	20,0	11,9	2 143	Yes
CF						8,0	20,0	12,0	2 134	Yes
CG	Lejsalie š i	26,262300° E	56,502792° N	90,9	1,5	6,0	20,0	11,3	2 244	Yes
CG						8,0	20,0	11,4	2 236	Yes
CH	Araji	26,234288° E	56,484761° N	88,9	1,5	6,0	20,0	17,3	498	Yes
CH						8,0	20,0	17,4	488	Yes
CI	Plavinas	26,258552° E	56,500071° N	92,0	1,5	6,0	20,0	12,1	1 930	Yes
CI						8,0	20,0	12,1	1 922	Yes
CJ	Zali š i	26,262376° E	56,498812° N	90,5	1,5	6,0	20,0	11,6	2 123	Yes
CJ						8,0	20,0	11,7	2 115	Yes
CK	Madaras	26,260204° E	56,498671° N	91,6	1,5	6,0	20,0	11,9	1 989	Yes
CK						8,0	20,0	12,0	1 981	Yes
CL	Vu š karnieki	26,241183° E	56,489414° N	90,0	1,5	6,0	20,0	15,9	787	Yes
CL						8,0	20,0	16,0	778	Yes
CM	Vecares	26,260016° E	56,497881° N	91,0	1,5	6,0	20,0	12,0	1 960	Yes
CM						8,0	20,0	12,1	1 951	Yes
CN	Strautmali	26,253233° E	56,496637° N	88,9	1,5	6,0	20,0	13,2	1 524	Yes
CN						8,0	20,0	13,3	1 515	Yes
CO	Jaunari	26,259494° E	56,497402° N	90,6	1,5	6,0	20,0	12,1	1 918	Yes
CO						8,0	20,0	12,2	1 910	Yes
CP	Vidsala	26,261621° E	56,480364° N	90,9	1,5	6,0	20,0	11,9	2 250	Yes
CP						8,0	20,0	11,9	2 240	Yes
CQ	Jaunie Robe ž nieki	26,169285° E	56,439743° N	87,6	1,5	6,0	20,0	11,2	2 173	Yes
CQ						8,0	20,0	11,3	2 166	Yes

DECIBEL - Main Result

Calculation: Low-frequency_N175-6.8MW (162m HH)

...continued from previous page

WTG																					
NSA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
BN	1532	2455	3697	4076	3855	4755	4166	4906	5484	6022	6127	5458	5118	4405	4470	2981	3274	3202	2773	2658	2772
BO	1502	2439	3669	4046	3823	4722	4132	4872	5452	5990	6095	5429	5088	4376	4436	2954	3244	3169	2738	2626	2752
BP	1423	2370	3590	3966	3745	4644	4056	4797	5374	5912	6016	5350	5008	4296	4362	2875	3164	3092	2666	2547	2678
BQ	2253	3228	4423	4769	4506	5388	4769	5491	6146	6657	6793	6169	5808	5120	5031	3719	3970	3827	3331	3325	3544
BR	1326	1975	3400	3835	3683	4594	4052	4804	5276	5847	5908	5174	4871	4120	4402	2669	3042	3081	2750	2492	2337
BS	1213	1822	3258	3701	3561	4472	3940	4693	5146	5721	5776	5033	4735	3980	4298	2527	2911	2970	2661	2375	2184
BT	3394	2757	4564	5140	5250	6085	5751	6465	6530	7175	7064	6120	6011	5207	6196	3961	4525	4889	4834	4292	3193
BU	7161	6700	5019	4619	4913	4110	4785	4230	3290	2937	2650	3245	3579	4299	4729	5750	5420	5617	6207	6065	6243
BV	6555	6118	4419	4011	4304	3505	4182	3642	2684	2353	2046	2646	2971	3697	4138	5151	4813	5008	5600	5457	5659
BW	5272	4898	3154	2726	3017	2241	2919	2442	1412	1220	807	1396	1684	2431	2922	3884	3528	3722	4319	4168	4435
BX	5590	5458	3637	3107	3232	2332	2959	2290	1652	1064	1093	2086	2145	2952	2790	4333	3874	3893	4414	4432	4998
BY	5502	5380	3557	3024	3143	2241	2866	2196	1570	974	1027	2027	2070	2876	2696	4251	3788	3801	4321	4343	4920
BZ	6040	5594	3899	3500	3810	3037	3715	3215	2209	1950	1589	2124	2463	3177	3704	4630	4301	4516	5116	4950	5134
CA	6821	6233	4652	4322	4685	3970	4644	4189	3142	2941	2553	2907	3315	3950	4668	5373	5109	5390	6006	5778	5786
CB	5110	4503	2940	2665	3086	2522	3155	2883	1768	1907	1420	1265	1738	2257	3297	3652	3426	3775	4406	4106	4054
CC	4750	4247	2586	2249	2637	2028	2672	2379	1265	1442	960	832	1270	1876	2797	3313	3033	3335	3961	3704	3789
CD	7079	6633	4943	4536	4824	4016	4691	4131	3198	2837	2556	3168	3495	4221	4631	5674	5337	5528	6116	5980	6175
CE	6301	5658	4131	3844	4243	3596	4257	3877	2784	2702	2261	2430	2875	3446	4334	4842	4614	4940	5567	5292	5217
CF	6844	6166	4675	4399	4801	4150	4813	4419	3334	3219	2793	2987	3433	3997	4882	5381	5165	5498	6125	5844	5731
CG	7447	7059	5335	4900	5153	4310	4977	4371	3513	3083	2865	3569	3858	4612	4874	6065	5701	5849	6420	6328	6598
CH	5090	4500	2919	2632	3046	2469	3106	2823	1708	1838	1351	1225	1692	2230	3241	3635	3398	3737	4368	4076	4049
CI	7105	6692	4981	4558	4829	4003	4675	4095	3194	2801	2548	3210	3516	4258	4596	5712	5360	5529	6109	5995	6232
CJ	7258	6801	5118	4715	5007	4199	4874	4313	3381	3020	2740	3344	3675	4397	4813	5849	5517	5710	6299	6161	6344
CK	7130	6683	4993	4586	4875	4065	4740	4179	3248	2885	2606	3219	3545	4272	4679	5724	5388	5578	6166	6031	6224
CL	5654	5134	3492	3141	3501	2804	3473	3063	1982	1884	1441	1730	2130	2780	3527	4218	3932	4205	4822	4598	4679
CM	7083	6623	4942	4542	4838	4036	4712	4160	3216	2868	2576	3167	3502	4221	4659	5673	5343	5541	6133	5989	6165
CN	6646	6202	4508	4103	4398	3600	4277	3736	2778	2447	2141	2734	3063	3786	4233	5239	4904	5102	5694	5549	5743
CO	7032	6566	4889	4492	4792	3994	4671	4125	3173	2834	2535	3114	3453	4169	4623	5620	5293	5496	6089	5940	6109
CP	6637	5838	4498	4309	4761	4222	4854	4565	3451	3472	3004	2949	3433	3871	4992	5169	5029	5434	6069	5712	5424
CQ	3698	2711	4363	4948	5158	5914	5687	6350	6240	6890	6715	5728	5700	4923	6154	3878	4456	4926	5004	4377	3066