

ДЕЦИБЕЛ – Основен Резултат

Изчисление: 140x V172-7.2-164mHH | Всички WGT

Модел за изчисление на шума:

ISO 9613-2:2024 (общ модел)

Скорост на вятъра (на височина 10 м):

95% номинална мощност

Затихване от земната повърхност:

Фиксирани стойности, Agr: 0,0, Dc: 0,0

Метеорологичен коефициент, CO:

Избрана опция: фиксирана стойност: 0,0 dB

Тип изискване в изчислението:

1: Шумът от вятърните турбини се сравнява с нормативните изисквания (DK, DE, SE, NL и др.)

Стойности на шума в изчислението:

Всички стойности на шума са средни стойности (Lwa) (нормален режим)

Чисти тонове:

Фиксирана корекция, добавена към изходния шум на вятърните турбини с чисти тонове

Модел: 5,0 dB(A)

Височина над терена при липса на стойност в NSA обект:

4,0 м; Не се допуска замяна на височината от модела с височина от NSA обект

Марж на неопределеност:

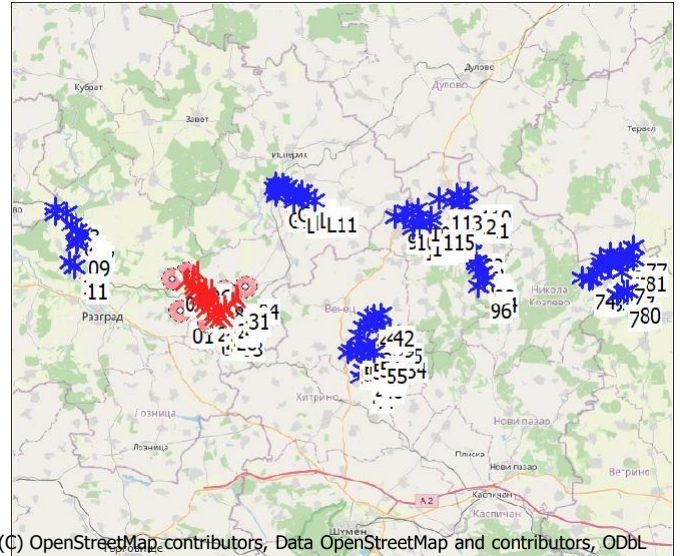
0,0 dB; Маржът на неопределеност в NSA има приоритет

Отклонение от „официалните“ изисквания за шум.

Отрицателните стойности са по-строги, положителните са по-малко строги.:
0,0 dB(A)

Всички координати са в:

UTM (north)-ETRS89 Zone: 35



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Масщаб 1:1.000.000

Нов WTG Съществуващ WTG
Зона, чувствителна към шум

WTGs

	Easting	Northing	Z	Row data/Description	WTG вид			Power, rated [kW]	Rotor diameter [m]	Hub height [m]	Данни за шума		Wind speed [m/s]	LwA,ref [dB(A)]
					Valid	Manufact.	Type-generator				Creator	Name		
01	455.311	4.833.586	280,6	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0	
01	472.290	4.823.648	372,8	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0	
02	455.382	4.832.768	290,0	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0	
02	472.703	4.824.116	364,8	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0	
03	473.634	4.824.389	381,5	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0	
03	456.782	4.832.907	292,9	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0	
04	473.461	4.823.724	385,4	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0	
05	457.440	4.831.392	278,5	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0	
05	473.531	4.823.153	394,5	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0	
06	458.157	4.830.642	289,2	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0	
06	474.178	4.824.999	357,3	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0	
07	474.249	4.823.448	389,4	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0	
07	458.853	4.830.016	301,1	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0	
08	473.600	4.822.634	412,8	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0	
08	458.259	4.829.311	286,8	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0	
09	474.309	4.822.923	398,1	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0	
09	458.152	4.828.803	299,0	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0	
10	457.199	4.826.354	307,8	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0	
10	475.149	4.822.773	392,0	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0	
100	502.565	4.831.435	297,9	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0	
101	503.206	4.832.116	306,9	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0	
102	503.907	4.831.165	298,9	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0	
103	502.525	4.830.660	311,7	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0	
104	501.328	4.832.157	299,0	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0	
105	503.290	4.831.215	307,0	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0	
106	503.098	4.833.181	296,9	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0	
107	508.275	4.835.063	289,8	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0	
108	508.857	4.834.029	283,7	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0	
109	508.820	4.834.692	288,2	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0	
11	474.893	4.822.273	407,4	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0	
11	457.891	4.825.703	318,0	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0	
110	509.790	4.835.347	276,8	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0	
111	509.571	4.833.676	267,4	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0	
112	507.689	4.834.093	292,7	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0	
113	505.856	4.834.644	305,0	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0	
114	504.772	4.831.493	291,8	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0	
115	504.860	4.832.077	289,9	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0	
12	474.163	4.821.923	425,5	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0	
13	474.599	4.821.413	436,1	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0	
14	474.869	4.820.895	443,9	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0	

Продължение на следващата страница...

ДЕЦИБЕЛ – Основен Резултат

Изчисление: 140x V172-7.2-164mHH | Всички WGT

15	475.623	4.821.202	432,8	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
16	476.262	4.821.578	408,8	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
17	475.324	4.821.809	418,0	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
18	476.002	4.822.613	384,7	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
19	475.850	4.820.543	400,4	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
20	475.172	4.820.108	421,0	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0

ДЕЦИБЕЛ – Основен Резултат

Изчисление: 140x V172-7.2-164mHH | Всички WGT

...продължение от предходната страница

					WTG тип		Power, rated [kW]	Rotor diameter [m]	Hub height [m]	Данни за шума		Wind speed [m/s]	LwA,ref [dB(A)]
	Easting	Northing	Z	Row data/Description	Valid	Manufact.				Type-generator	Creator		
			[m]										
21	476.142	4.819.675	412,0	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
22	476.141	4.819.146	444,3	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
23	476.824	4.818.824	441,6	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
24	476.717	4.820.064	419,7	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
25	477.149	4.819.464	446,0	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
26	477.634	4.819.030	467,6	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
27	477.803	4.819.956	447,1	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
28	477.714	4.820.472	448,3	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
29	478.668	4.820.879	426,5	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
30	479.222	4.821.274	402,3	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
31	479.121	4.821.783	391,3	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
32	498.010	4.815.283	461,5	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
33	498.009	4.815.003	468,0	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
34	500.075	4.815.221	438,7	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
35	499.455	4.817.229	422,0	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
36	495.996	4.817.717	440,0	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
37	496.835	4.818.048	434,7	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
38	497.733	4.818.363	415,9	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
39	498.321	4.817.892	434,2	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
40	496.596	4.818.886	393,9	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
41	497.469	4.819.353	392,1	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
42	498.334	4.819.442	386,2	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
43	495.410	4.816.641	475,4	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
44	495.662	4.811.225	413,0	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
45	496.030	4.811.966	431,7	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
46	496.870	4.812.531	422,5	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
47	497.174	4.813.482	401,3	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
48	495.675	4.814.211	467,4	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
49	496.626	4.814.031	462,2	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
50	493.898	4.814.302	471,9	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
51	494.337	4.814.742	480,8	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
52	495.104	4.814.746	484,2	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
53	495.680	4.815.051	471,7	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
54	496.467	4.815.291	437,4	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
55	497.506	4.814.398	461,0	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
56	531.018	4.827.608	244,9	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
57	531.059	4.827.686	241,9	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
58	529.809	4.827.467	256,5	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
59	529.822	4.826.591	241,8	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
60	530.290	4.826.900	238,0	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
61	530.191	4.826.077	255,4	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
62	528.602	4.827.410	267,2	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
63	529.063	4.826.525	240,6	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
64	529.035	4.825.860	264,8	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
65	529.093	4.824.735	258,7	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
66	528.195	4.826.634	251,7	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
67	528.459	4.825.610	265,0	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
68	527.259	4.826.893	267,5	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
69	527.447	4.826.123	261,7	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
70	527.540	4.825.441	264,7	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
71	526.835	4.824.907	281,5	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
72	526.217	4.824.252	293,4	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
73	525.803	4.824.059	294,2	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
74	524.881	4.824.332	273,2	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
75	530.363	4.822.394	257,0	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
76	529.518	4.822.045	269,7	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
77	531.633	4.828.418	241,8	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
78	530.963	4.826.654	243,0	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7		

ДЕЦИБЕЛ – Основен Резултат

Изчисление: 140x V172-7.2-164mHH | Всички WGT

...продължение от предходната страница

	Easting	Northing	Z	Row data/Description	WTG тип		Power, rated [kW]	Rotor diameter [m]	Hub height [m]	Данни за шума		Wind speed [m/s]	LwA,ref [dB(A)]
					Valid	Manufact.				Creator	Name		
GP1	484.403	4.836.605	300,0	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
GP2	484.141	4.836.029	301,0	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
GP3	484.867	4.836.092	283,4	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
GP4	484.660	4.835.506	301,7	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
GP5	484.575	4.834.995	291,0	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
GP6	485.967	4.836.178	285,8	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
GP7	485.780	4.835.725	285,8	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
I1	485.289	4.836.592	278,9	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
L10	488.611	4.835.036	277,8	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
L11	489.462	4.834.406	263,6	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
L5	487.972	4.835.582	293,0	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
L6	487.534	4.834.971	285,6	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
L7	486.832	4.834.820	294,0	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
L8	486.814	4.834.230	302,7	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0
L9	488.012	4.834.623	293,2	VESTAS V172-7.2 7200 17...Yes	VESTAS	V172-7.2-7.200	7.200	172,0	164,0	USER	PO7200 106,9 dB(A) + 2,1 dB(A)	(95%)	109,0

Резултати от изчислението

Ниво на звука

Зона, чувствителна към шум

Изисквания Ниво на шум

Спазени ли са изискванията?

No.	Name	Easting	Northing	Z	Immission height	Noise	From WTGs	Distance to noise demand	Noise
				[m]	[m]	[dB(A)]	[dB(A)]	[m]	
01	Мортагоново	471.890	4.819.928	311,2	4,0	45,0	34,6	2.372	Yes
02	Желязковец	475.620	4.818.191	385,8	4,0	45,0	40,6	546	Yes
03	Самуил	478.250	4.818.116	467,1	4,0	45,0	39,7	629	Yes
04	Хърсово	480.454	4.823.030	380,1	4,0	45,0	34,7	1.384	Yes
05	Голям извор	477.692	4.822.417	347,2	4,0	45,0	40,3	1.076	Yes
06	Жилищна сграда 2	472.698	4.824.788	334,5	4,0	45,0	43,5	159	Yes
07	Ясеновец	470.802	4.824.131	355,3	4,0	45,0	36,3	1.120	Yes
28	Жилищна сграда 1	478.724	4.820.291	444,0	4,0	45,0	44,8	14	Yes

Разстояния (м)

WTG	01	02	03	04	05	06	07	28
01	21480	25485	27668	27270	25014	19487	18149	26925
01	3742	6393	8131	8188	5541	1210	1564	7257
02	20913	24941	27159	26897	24595	19066	17675	26467
02	4266	6604	8171	7827	5271	672	1901	7133
03	4790	6509	7788	6954	4512	1018	2843	6535
03	19918	23905	26070	25651	23395	17868	16541	25311
04	4108	5940	7374	7028	4429	1309	2690	6284
05	18445	22467	24684	24486	22152	16626	15208	24005
05	3619	5384	6902	6924	4226	1835	2899	5929
06	17418	21447	23677	23561	21197	15675	14223	23025
06	5564	6959	7997	6578	4361	1495	3485	6544
07	4238	5433	6666	6219	3595	2050	3514	5476
07	16484	20517	22756	22703	20314	14799	13320	22123
08	3201	4881	6483	6866	4098	2335	3173	5634
08	16548	20617	22912	23067	20620	15131	13571	22365
09	3850	4910	6216	6146	3421	2464	3709	5140
09	16356	20439	22763	23038	20558	15090	13486	22264
10	16034	20148	22605	23491	20868	15577	13783	22362
10	4326	4606	5595	5311	2568	3173	4554	4352
100	32763	30024	27724	23654	26457	30598	32592	26317
101	33605	30902	28615	24499	27295	31376	33373	27188
102	33932	31121	28785	24824	27636	31854	33844	27430
103	32461	29654	27325	23353	26165	30400	32387	25962
104	31877	29257	27014	22782	25564	29564	31563	25529
105	33367	30582	28259	24258	27067	31260	33251	26885
106	33906	31301	29058	24815	27592	31538	33540	27572
107	39408	36756	34478	30312	33094	37032	39035	33037
108	39566	36818	34497	30458	33258	37322	39321	33117
109	39772	37075	34775	30670	33461	37456	39457	33364
11	3810	4146	5343	5612	2803	3338	4493	4313
11	15143	19255	21726	22721	20072	14835	13007	21524

Продължение на следващата страница...

ДЕЦИБЕЛ – Основен Резултат

Изчисление: 140x V172-7.2-164mHH | Всички WGT

...продължение от предходната страница

WGT	01	02	03	04	05	06	07	28
110	40917	38235	35940	31817	34604	38566	40569	34522
111	40111	37316	34973	31002	33809	37930	39926	33626
112	38500	35795	33495	29396	32189	36208	38208	32085
113	37017	34423	32176	27931	30703	34592	36596	30694
114	34857	32044	29705	25748	28560	32768	34758	28355
115	35138	32370	30050	26029	28834	32978	34972	28670
12	3025	4007	5585	6388	3564	3218	4021	4844
13	3090	3380	4919	6074	3252	3873	4669	4275
14	3132	2807	4376	5979	3207	4457	5197	3902
15	3945	3011	4052	5165	2400	4627	5641	3232
16	4673	3448	3992	4436	1658	4796	6027	2778
17	3916	3630	4711	5273	2445	3971	5083	3723
18	4911	4439	5027	4472	1702	3956	5417	3578
19	4008	2363	3413	5233	2628	5287	6193	2885
20	3287	1969	3666	6036	3418	5293	5939	3557
21	4260	1573	2622	5463	3150	6165	6955	2655
22	4323	1088	2347	5804	3620	6609	7304	2825
23	5056	1360	1592	5556	3696	7252	8026	2401
24	4829	2171	2479	4771	2547	6202	7178	2020
25	5280	1990	1740	4862	3002	6939	7878	1779
26	5814	2182	1102	4894	3387	7584	8526	1667
27	5913	2807	1893	4059	2463	7029	8151	980
28	5850	3097	2416	3748	1945	6617	7820	1026
29	6845	4064	2794	2796	1821	7136	8511	590
30	7455	4741	3304	2145	1909	7410	8891	1102
31	7466	5016	3769	1825	1563	7091	8644	1544
32	26530	22578	19962	19189	21533	27038	28610	19926
33	26580	22615	20003	19303	21627	27137	28697	19997
34	28576	24635	22016	21117	23511	29001	30599	21945
35	27697	23854	21224	19866	22372	27804	29472	20956
36	24208	20382	17751	16425	18897	24348	25997	17463
37	25016	21216	18585	17121	19635	25061	26734	18249
38	25891	22114	19485	17898	20446	25847	27541	19107
39	26510	22703	20072	18591	21119	26535	28217	19743
40	24728	20988	18362	16665	19230	24616	26321	17927
41	25586	21880	19259	17407	20012	25361	27091	18768
42	26449	22749	20128	18236	20855	26188	27928	19628
43	23749	19851	17223	16263	18635	24129	25722	17081
44	25315	21218	18726	19252	21170	26670	28010	19212
45	25419	21338	18814	19105	21106	26623	28007	19204
46	26053	21991	19440	19486	21576	27102	28532	19736
47	26093	22062	19483	19254	21433	26961	28440	19666
48	24463	20446	17857	17591	19766	25295	26778	18008
49	25430	21414	18825	18507	20707	26235	27728	18965
50	22716	18687	16106	16028	18124	23652	25100	16313
51	23039	19032	16437	16168	18329	23857	25338	16570
52	23786	19786	17188	16830	19026	24554	26051	17293
53	24285	20304	17698	17190	19437	24960	26483	17747
54	25011	21048	18435	17785	20081	25596	27144	18434
55	26206	22212	19612	19112	21375	26896	28422	19685
56	59625	56193	53615	50771	53578	58389	60316	52803
57	59676	56246	53669	50819	53626	58433	60361	52855
58	58408	54977	52400	49554	52361	57174	59101	51587
59	58314	54849	52264	49496	52296	57153	59071	51485
60	58815	55359	52776	49986	52788	57631	59552	51988
61	58625	55138	52548	49830	52626	57508	59420	51791
62	57204	53778	51203	48347	51154	55966	57892	50383
63	57553	54089	51504	48734	51535	56392	58310	50724
64	57452	53963	51372	48663	51458	56348	58258	50618
65	57405	53872	51272	48669	51453	56395	58294	50565
66	56703	53249	50666	47877	50678	55528	57447	49876
67	56854	53357	50765	48074	50867	55767	57676	50019
68	55806	52367	49789	46964	49768	54602	56524	48982
69	55902	52431	49844	47094	49892	54766	56680	49071
70	55923	52424	49831	47147	49939	54846	56753	49087
71	55171	51654	49057	46419	49206	54138	56038	48332

Продължение на следващата страница...

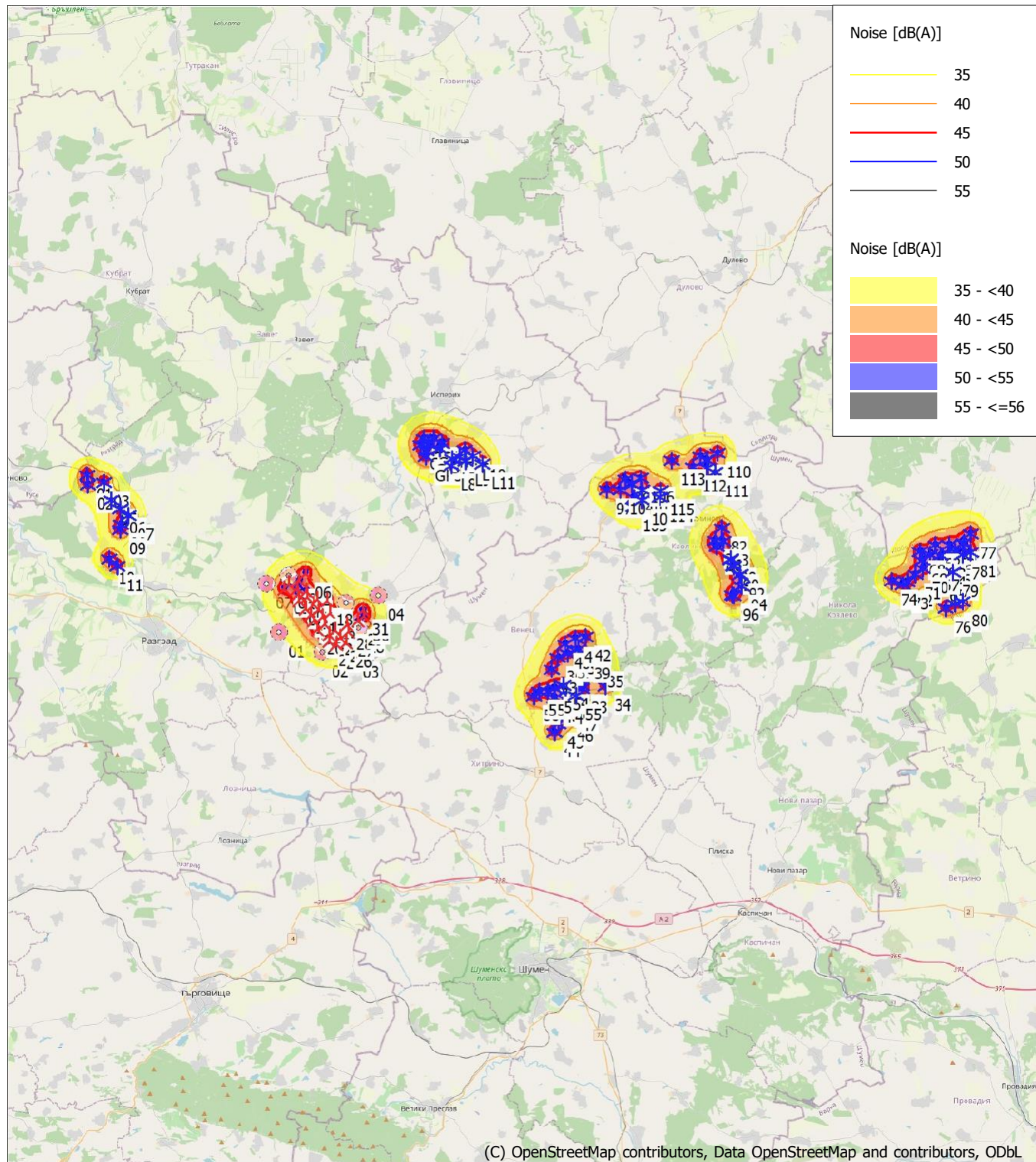
ДЕЦИБЕЛ – Основен Резултат

Изчисление: 140x V172-7.2-164mHH | Всички WGT

...продължение от предходната стр								
WTG	01	02	03	04	05	06	07	28
72	54499	50959	48358	45779	48559	53522	55415	47658
73	54071	50525	47923	45360	48139	53110	55001	47230
74	53174	49642	47044	44446	47227	52185	54079	46334
75	58525	54904	52288	49913	52671	57715	59586	51682
76	57667	54036	51419	49074	51827	56887	58753	50824
77	60344	56939	54368	51462	54273	59047	60981	53530
78	59455	55986	53400	50639	53439	58295	60213	52625
79	58480	54956	52358	49729	52517	57444	59346	51640
80	59120	55505	52890	50498	53258	58294	60167	52276
81	60133	56667	54081	51312	54113	58964	60884	53303
82	39246	36100	33621	30218	33046	37626	39584	32531
83	39176	35948	33441	30196	33020	37702	39645	32421
84	38481	35270	32769	29492	32317	36984	38929	31734
85	38528	35278	32764	29564	32386	37100	39038	31763
86	38473	35225	32712	29508	32330	37043	38981	31709
87	39506	36172	33630	30606	33418	38225	40147	32709
88	39525	36194	33653	30622	33434	38237	40160	32729
89	39671	36298	33744	30806	33611	38463	40377	32861
90	39675	36300	33745	30811	33616	38470	40383	32864
91	40122	36697	34129	31309	34104	39013	40915	33298
92	40054	36627	34058	31243	34038	38949	40850	33229
93	40211	36728	34144	31465	34247	39223	41108	33375
94	40157	36675	34092	31410	34191	39166	41051	33322
95	39312	35791	33198	30622	33390	38417	40287	32471
96	39376	35852	33258	30690	33457	38487	40357	32535
97	30844	28280	26067	21759	24530	28474	30475	24544
98	32979	30354	28106	23884	26666	30652	32653	26628
99	32666	30105	27887	23584	26352	30259	32262	26370
GP1	20849	20401	19485	14138	15695	16633	18454	17274
GP2	20233	19770	18857	13513	15063	16042	17874	16645
GP3	20729	20148	19155	13787	15443	16610	18463	16953
GP4	20143	19533	18533	13166	14828	16062	17928	16331
GP5	19696	19042	18025	12655	14338	15661	17542	15825
GP6	21500	20751	19641	14257	16058	17488	19368	17460
GP7	21035	20265	19151	13767	15573	17052	18940	16970
I1	21383	20787	19772	14399	16083	17260	19109	17573
L10	22536	21273	19841	14515	16688	18928	20883	17753
L11	22768	21320	19775	14510	16801	19327	21301	17735
L5	22443	21332	19990	14632	16703	18704	20638	17870
L6	21704	20580	19243	13883	15952	17995	19936	17121
L7	21097	20056	18780	13405	15407	17333	19267	16638
L8	20671	19559	18249	12880	14925	16983	18930	16117
L9	21815	20582	19178	13840	15984	18201	20156	17079

ДЕЦИБЕЛ – Карта при 95% от номиналната мощност

Изчисление: 140x V172-7.2-164mHH | Всички WGT



Нов WTG

Съществуващ WTG

Зона, чувствителна към шум
Модел за изчисление на шума: ISO 9613-2:2024 General. Скорост на вятъра: 95%
номинална мощност. Надморска височина взета от активния линейен обект