

SHADOW - Main Result

Calculation: Enercon E175H - Real Case Curtailment

Shadow receptor-Input

No.	Name	Longitude	Latitude	Z	Width	Height	Elevation a.g.l.	Slope of window	Direction mode	Eye height (ZVI) a.g.l.
				[m]	[m]	[m]	[m]	[°]		[m]
A	Mizuki	26,063286° E	56,541498° N	115,1	1,0	1,0	1,0	90,0	"Green house mode"	2,0
B	Lejas Sunas	26,063506° E	56,541370° N	114,4	1,0	1,0	1,0	90,0	"Green house mode"	2,0
C	Me ž sunas	26,063185° E	56,541958° N	117,1	1,0	1,0	1,0	90,0	"Green house mode"	2,0
D	Veca skola	26,064137° E	56,542003° N	115,9	1,0	1,0	1,0	90,0	"Green house mode"	2,0
E	Lejas Suni	26,067220° E	56,540460° N	107,6	1,0	1,0	1,0	90,0	"Green house mode"	2,0
F	Papeles	26,063771° E	56,540924° N	112,0	1,0	1,0	1,0	90,0	"Green house mode"	2,0
G	Vigriezes	26,087530° E	56,548261° N	102,8	1,0	1,0	1,0	90,0	"Green house mode"	2,0
H	Sunu Medilas	26,070454° E	56,540671° N	107,4	1,0	1,0	1,0	90,0	"Green house mode"	2,0
I	Kuku Pasile	26,084459° E	56,546804° N	104,3	1,0	1,0	1,0	90,0	"Green house mode"	2,0
J	Kuku Pasile 2	26,086284° E	56,548103° N	105,0	1,0	1,0	1,0	90,0	"Green house mode"	2,0
K	Bambari	26,071285° E	56,533849° N	106,9	1,0	1,0	1,0	90,0	"Green house mode"	2,0
L	Kukas Nr. 32	26,097933° E	56,545025° N	100,0	1,0	1,0	1,0	90,0	"Green house mode"	2,0
M	Zeltinkukas	26,097923° E	56,542609° N	100,1	1,0	1,0	1,0	90,0	"Green house mode"	2,0
N	Kukas Nr. 29	26,099665° E	56,545262° N	99,2	1,0	1,0	1,0	90,0	"Green house mode"	2,0
O	Lukapicku Bajari	26,059655° E	56,515709° N	136,3	1,0	1,0	1,0	90,0	"Green house mode"	2,0
P	Driksnas	26,097309° E	56,544914° N	100,0	1,0	1,0	1,0	90,0	"Green house mode"	2,0
Q	Lei š u Sils	26,122977° E	56,542609° N	92,7	1,0	1,0	1,0	90,0	"Green house mode"	2,0
R	Silmalas	26,070518° E	56,533356° N	109,1	1,0	1,0	1,0	90,0	"Green house mode"	2,0
S	Purmalrasas 2	26,096086° E	56,544720° N	99,3	1,0	1,0	1,0	90,0	"Green house mode"	2,0
T	Rozes	26,096916° E	56,544879° N	100,1	1,0	1,0	1,0	90,0	"Green house mode"	2,0
U	Gobinas	26,069881° E	56,533175° N	109,6	1,0	1,0	1,0	90,0	"Green house mode"	2,0
V	Kukas Nr. 5A	26,108687° E	56,545953° N	93,2	1,0	1,0	1,0	90,0	"Green house mode"	2,0
W	Kukas Nr. 1	26,094393° E	56,544291° N	98,0	1,0	1,0	1,0	90,0	"Green house mode"	2,0
X	Kaplica	26,101901° E	56,545728° N	97,3	1,0	1,0	1,0	90,0	"Green house mode"	2,0
Y	Kukas Nr. 8	26,096829° E	56,543964° N	97,7	1,0	1,0	1,0	90,0	"Green house mode"	2,0
Z	Kukas Nr. 22	26,097396° E	56,545205° N	100,2	1,0	1,0	1,0	90,0	"Green house mode"	2,0
AA	Vasjkova nams	26,096559° E	56,544498° N	99,1	1,0	1,0	1,0	90,0	"Green house mode"	2,0
AB	Kukas Nr. 7	26,097318° E	56,544069° N	97,5	1,0	1,0	1,0	90,0	"Green house mode"	2,0
AC	Kukas Nr. 28	26,100077° E	56,545512° N	98,4	1,0	1,0	1,0	90,0	"Green house mode"	2,0
AD	Kukas Nr. 2	26,093910° E	56,544204° N	97,5	1,0	1,0	1,0	90,0	"Green house mode"	2,0
AE	Kukas Nr. 33	26,095190° E	56,544610° N	99,0	1,0	1,0	1,0	90,0	"Green house mode"	2,0
AF	Kukas Nr. 24	26,098771° E	56,545347° N	99,8	1,0	1,0	1,0	90,0	"Green house mode"	2,0
AG	Kukas Nr. 27	26,099229° E	56,545399° N	99,4	1,0	1,0	1,0	90,0	"Green house mode"	2,0
AH	Kukas Nr. 10	26,096024° E	56,543781° N	97,4	1,0	1,0	1,0	90,0	"Green house mode"	2,0
AI	Kukas Nr. 9	26,096452° E	56,543877° N	97,6	1,0	1,0	1,0	90,0	"Green house mode"	2,0
AJ	Kukas Nr. 3	26,093305° E	56,544298° N	97,3	1,0	1,0	1,0	90,0	"Green house mode"	2,0
AK	1	26,090963° E	56,543704° N	97,8	1,0	1,0	1,0	90,0	"Green house mode"	2,0
AL	1	26,091047° E	56,544021° N	97,8	1,0	1,0	1,0	90,0	"Green house mode"	2,0
AM	Kuku Drava	26,077988° E	56,540746° N	102,7	1,0	1,0	1,0	90,0	"Green house mode"	2,0
AN	Kukas Nr. 17	26,095025° E	56,544828° N	99,0	1,0	1,0	1,0	90,0	"Green house mode"	2,0
AO	Maja 145,3. km	26,103352° E	56,546415° N	94,9	1,0	1,0	1,0	90,0	"Green house mode"	2,0
AP	Kukas Nr. 6	26,104578° E	56,545778° N	96,4	1,0	1,0	1,0	90,0	"Green house mode"	2,0
AQ	Kukas Nr. 23	26,098304° E	56,545304° N	99,9	1,0	1,0	1,0	90,0	"Green house mode"	2,0
AR	Kukas Nr. 15	26,093682° E	56,544507° N	97,9	1,0	1,0	1,0	90,0	"Green house mode"	2,0
AS	Kukas Nr. 16	26,094237° E	56,544642° N	98,5	1,0	1,0	1,0	90,0	"Green house mode"	2,0
AT	Kukas Nr. 31	26,097683° E	56,544128° N	97,4	1,0	1,0	1,0	90,0	"Green house mode"	2,0
AU	Dukernieki	26,074658° E	56,533321° N	109,1	1,0	1,0	1,0	90,0	"Green house mode"	2,0
AV	Lukapickas	26,058230° E	56,513249° N	135,3	1,0	1,0	1,0	90,0	"Green house mode"	2,0
AW	Purmalrasas	26,089573° E	56,526337° N	100,0	1,0	1,0	1,0	90,0	"Green house mode"	2,0
AX	Kukas 11	26,095602° E	56,543691° N	97,1	1,0	1,0	1,0	90,0	"Green house mode"	2,0
AY	Kukas Nr. 4	26,092904° E	56,544767° N	97,4	1,0	1,0	1,0	90,0	"Green house mode"	2,0
AZ	Kukas Nr. 34	26,091860° E	56,543045° N	95,7	1,0	1,0	1,0	90,0	"Green house mode"	2,0
BA	Kuku Medilas	26,075079° E	56,541753° N	104,7	1,0	1,0	1,0	90,0	"Green house mode"	2,0
BB	Kraukli	26,065152° E	56,534400° N	110,8	1,0	1,0	1,0	90,0	"Green house mode"	2,0
BC	Kuku Balo ž i	26,098273° E	56,544306° N	97,6	1,0	1,0	1,0	90,0	"Green house mode"	2,0
BD	Kukas Nr. 13	26,094800° E	56,543545° N	96,6	1,0	1,0	1,0	90,0	"Green house mode"	2,0
BE	Kukas Nr. 12	26,095264° E	56,543601° N	96,7	1,0	1,0	1,0	90,0	"Green house mode"	2,0
BF	Kartupnieki	26,073040° E	56,534828° N	105,5	1,0	1,0	1,0	90,0	"Green house mode"	2,0
BG	Kukas Nr. 30	26,100708° E	56,545660° N	97,1	1,0	1,0	1,0	90,0	"Green house mode"	2,0
BH	Zeltinkukas 1	26,098768° E	56,545101° N	99,8	1,0	1,0	1,0	90,0	"Green house mode"	2,0
BI	Mednieki	26,065620° E	56,534715° N	109,5	1,0	1,0	1,0	90,0	"Green house mode"	2,0
BJ	O š lejas	26,059760° E	56,531276° N	111,3	1,0	1,0	1,0	90,0	"Green house mode"	2,0
BK	Kraces	26,074410° E	56,541680° N	105,1	1,0	1,0	1,0	90,0	"Green house mode"	2,0

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SHADOW - Main Result

Calculation: Enercon E175H - Real Case Curtailment

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No.	Name	Longitude	Latitude	Z	Width	Height	Elevation a.g.l.	Slope of window	Direction mode	Eye height (ZVI) a.g.l.
				[m]	[m]	[m]	[m]	[°]		[m]
BL	Kukas Nr. 5	26,092328° E	56,544483° N	97,6	1,0	1,0	1,0	90,0	"Green house mode"	2,0
BM	Jani š i	26,096074° E	56,545089° N	99,7	1,0	1,0	1,0	90,0	"Green house mode"	2,0
BN	Kukas Nr. 36	26,092574° E	56,544009° N	96,9	1,0	1,0	1,0	90,0	"Green house mode"	2,0
BO	Kukas Nr. 20	26,096859° E	56,545176° N	100,0	1,0	1,0	1,0	90,0	"Green house mode"	2,0
BP	Speldzinu Ozolini	26,067071° E	56,482035° N	105,1	1,0	1,0	1,0	90,0	"Green house mode"	2,0
BQ	Bisenieki 2	26,063230° E	56,480993° N	104,5	1,0	1,0	1,0	90,0	"Green house mode"	2,0
BR	Dujas	26,062426° E	56,483614° N	104,7	1,0	1,0	1,0	90,0	"Green house mode"	2,0
BS	Malini	26,065318° E	56,480229° N	109,0	1,0	1,0	1,0	90,0	"Green house mode"	2,0
BT	Speldzinu	26,064354° E	56,480104° N	109,7	1,0	1,0	1,0	90,0	"Green house mode"	2,0
BU	Virzinas	26,074364° E	56,485874° N	104,9	1,0	1,0	1,0	90,0	"Green house mode"	2,0
BV	Lici š i	26,064859° E	56,484163° N	103,5	1,0	1,0	1,0	90,0	"Green house mode"	2,0
BW	Priednieku Bisenieki	26,063061° E	56,484142° N	106,3	1,0	1,0	1,0	90,0	"Green house mode"	2,0
BX	Bisenieki	26,062834° E	56,483109° N	103,1	1,0	1,0	1,0	90,0	"Green house mode"	2,0
BY	Lei š u Sils	26,125444° E	56,542875° N	92,8	1,0	1,0	1,0	90,0	"Green house mode"	2,0
BZ	Lei š usils	26,121034° E	56,544456° N	94,0	1,0	1,0	1,0	90,0	"Green house mode"	2,0
CA	Strazdi	26,079632° E	56,519765° N	106,7	1,0	1,0	1,0	90,0	"Green house mode"	2,0
CB	Radini	26,079889° E	56,520588° N	108,3	1,0	1,0	1,0	90,0	"Green house mode"	2,0
CC	Kreslini	26,071224° E	56,501171° N	107,5	1,0	1,0	1,0	90,0	"Green house mode"	2,0
CD	Sili	26,078392° E	56,517462° N	105,6	1,0	1,0	1,0	90,0	"Green house mode"	2,0
CE	Skujenieki	26,071168° E	56,502014° N	107,2	1,0	1,0	1,0	90,0	"Green house mode"	2,0
CF	Salmini	26,075652° E	56,514176° N	109,9	1,0	1,0	1,0	90,0	"Green house mode"	2,0
CG	Senci	26,072043° E	56,509743° N	111,1	1,0	1,0	1,0	90,0	"Green house mode"	2,0
CH	Pakalni	26,069473° E	56,502185° N	111,2	1,0	1,0	1,0	90,0	"Green house mode"	2,0
CI	Skalbes	26,072883° E	56,508558° N	110,7	1,0	1,0	1,0	90,0	"Green house mode"	2,0
CJ	Kastani	26,070978° E	56,504189° N	108,9	1,0	1,0	1,0	90,0	"Green house mode"	2,0
CK	Kvie š i	26,154401° E	56,500923° N	90,8	1,0	1,0	1,0	90,0	"Green house mode"	2,0
CL	Pukulejas	26,163466° E	56,520586° N	91,5	1,0	1,0	1,0	90,0	"Green house mode"	2,0
CM	Celinieki	26,141552° E	56,530263° N	91,8	1,0	1,0	1,0	90,0	"Green house mode"	2,0
CN	Purvini	26,130133° E	56,505780° N	94,5	1,0	1,0	1,0	90,0	"Green house mode"	2,0
CO	Salenieki	26,152954° E	56,520418° N	93,0	1,0	1,0	1,0	90,0	"Green house mode"	2,0
CP	Ogu Purvs	26,152484° E	56,497834° N	90,8	1,0	1,0	1,0	90,0	"Green house mode"	2,0
CQ	Me ž a Papuli	26,151833° E	56,526776° N	90,3	1,0	1,0	1,0	90,0	"Green house mode"	2,0
CR	Noras	26,126508° E	56,506629° N	96,7	1,0	1,0	1,0	90,0	"Green house mode"	2,0
CS	Me ž mali	26,126691° E	56,507313° N	97,1	1,0	1,0	1,0	90,0	"Green house mode"	2,0
CT	Kurani	26,127398° E	56,506989° N	97,4	1,0	1,0	1,0	90,0	"Green house mode"	2,0
CU	Berzkalni	26,138739° E	56,528258° N	92,5	1,0	1,0	1,0	90,0	"Green house mode"	2,0
CV	Saulcerini	26,149626° E	56,528094° N	93,5	1,0	1,0	1,0	90,0	"Green house mode"	2,0
CW	Airites	26,146614° E	56,528054° N	93,0	1,0	1,0	1,0	90,0	"Green house mode"	2,0
CX	Lejnieki	26,128573° E	56,507638° N	96,1	1,0	1,0	1,0	90,0	"Green house mode"	2,0
CY	Vipmali	26,149895° E	56,484226° N	91,5	1,0	1,0	1,0	90,0	"Green house mode"	2,0
CZ	Celmalas	26,076176° E	56,490952° N	108,1	1,0	1,0	1,0	90,0	"Green house mode"	2,0
DA	Kalna Galvani	26,142426° E	56,482217° N	98,8	1,0	1,0	1,0	90,0	"Green house mode"	2,0
DB	Su š i	26,153079° E	56,492558° N	90,8	1,0	1,0	1,0	90,0	"Green house mode"	2,0
DC	Strautlejas	26,083178° E	56,484852° N	97,2	1,0	1,0	1,0	90,0	"Green house mode"	2,0
DD	Irgeni	26,080875° E	56,486825° N	98,2	1,0	1,0	1,0	90,0	"Green house mode"	2,0
DE	Alejas	26,081081° E	56,485255° N	101,5	1,0	1,0	1,0	90,0	"Green house mode"	2,0
DF	Galvani	26,135915° E	56,487671° N	95,0	1,0	1,0	1,0	90,0	"Green house mode"	2,0

Calculation Results

Shadow receptor

No.	Name	Shadow, worst case				Shadow, expected values	
		Shadow hours per year	Shadow days per year	Max shadow hours per day	Avoided hours per year	Avoided days per year	Shadow hours per year
		[h/year]	[days/year]	[h/day]	[h/year]	[days/year]	[h/year]
A	Mizuki	0:00	0	0:00			0:00
B	Lejas Sunas	0:00	0	0:00			0:00
C	Me ž sunas	0:00	0	0:00			0:00
D	Veca skola	0:00	0	0:00			0:00
E	Lejas Suni	0:00	0	0:00			0:00
F	Papeles	0:00	0	0:00			0:00
G	Vigriezes	0:00	0	0:00			0:00

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SHADOW - Main Result

Calculation: Enercon E175H - Real Case Curtailment

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No.	Name	Shadow, worst case			Avoided hours per year	Shadow, expected values	
		Shadow hours per year	Shadow days per year	Max shadow hours per day		Avoided days per year	Avoided hours per year
		[h/year]	[days/year]	[h/day]	[h/year]	[days/year]	[h/year]
	H Sunu Medilas	11:21	35	0:26			1:48
	I Kuku Pasile	9:30	33	0:21			0:33
	J Kuku Pasile 2	0:00	0	0:00			0:00
	K* Bambari	0:00	0	0:00	15:32	40	0:00
	L* Kukas Nr. 32	1:19	29	0:07	21:03	15	0:05
	M* Zeltinkukas	0:52	15	0:06	20:29	29	0:03
	N* Kukas Nr. 29	0:06	3	0:02	19:13	44	0:00
	O Lukapicku Bajari	0:00	0	0:00			0:00
	P* Driksnas	0:14	8	0:03	24:11	36	0:01
	Q* Lei š u Sils	14:13	44	0:25	86:58	56	1:12
	R* Silmalas	0:34	16	0:04	14:03	23	0:08
	S* Purmalrasas 2	0:00	0	0:00	29:03	44	0:00
	T* Rozes	0:02	2	0:01	25:05	41	0:00
	U* Gobinas	1:03	24	0:04	12:44	14	0:17
	V Kukas Nr. 5A	26:24	74	0:26			1:50
	W* Kukas Nr. 1	0:00	0	0:00	39:50	49	0:00
	X* Kaplica	13:39	51	0:21	20:09		0:54
	Y* Kukas Nr. 8	1:35	26	0:05	66:03	51	0:07
	Z* Kukas Nr. 22	0:02	2	0:01	19:17	38	0:00
	AA* Vasjkova nams	0:00	0	0:00	32:44	47	0:00
	AB* Kukas Nr. 7	4:37	42	0:10	62:23	32	0:20
	AC* Kukas Nr. 28	1:48	46	0:03	16:28		0:06
	AD* Kukas Nr. 2	5:20	48	0:08	37:08	4	0:21
	AE* Kukas Nr. 33	0:01	1	0:01	32:05	42	0:00
	AF* Kukas Nr. 24	1:40	23	0:07	15:31	20	0:06
	AG* Kukas Nr. 27	0:38	15	0:04	16:23	29	0:02
	AH* Kukas Nr. 10	6:20	55	0:13	61:11	26	0:28
	AI* Kukas Nr. 9	3:07	53	0:08	64:04	26	0:13
	AJ* Kukas Nr. 3	10:55	53	0:17	31:06		0:44
	AK* 1	1:27	54	0:02	55:17	13	0:05
	AL* 1	0:19	19	0:01	50:45	45	0:01
	AM* Kuku Drava	0:00	0	0:00	22:42	51	0:00
	AN* Kukas Nr. 17	0:00	0	0:00	28:37	41	0:00
	AO* Maja 145,3. km	10:47	50	0:15	8:14		0:42
	AP* Kukas Nr. 6	6:44	28	0:18	25:22	33	0:22
	AQ* Kukas Nr. 23	1:18	26	0:07	16:27	16	0:05
	AR* Kukas Nr. 15	5:50	44	0:09	31:21	5	0:22
	AS* Kukas Nr. 16	0:28	27	0:02	32:44	18	0:01
	AT* Kukas Nr. 31	6:20	46	0:15	60:00	27	0:27
	AU* Dukernieki	0:00	0	0:00	22:25	48	0:00
	AV Lukapickas	0:00	0	0:00			0:00
	AW* Purmalrasas	28:05	75	0:29	97:05	164	7:41
	AX* Kukas 11	1:15	15	0:07	49:11	42	0:05
	AY* Kukas Nr. 4	9:12	49	0:16	25:17		0:36
	AZ* Kukas Nr. 34	14:59	63	0:23	53:37	9	1:03
	BA* Kuku Medilas	3:06	44	0:06	13:54	1	0:20
	BB* Kraukli	0:40	8	0:07	7:50	21	0:10
	BC* Kuku Balo ž i	8:26	55	0:20	53:55	14	0:35
	BD* Kukas Nr. 13	2:58	15	0:17	51:27	42	0:13
	BE* Kukas Nr. 12	2:08	15	0:13	50:35	42	0:09
	BF* Kartupnieki	0:00	0	0:00	17:38	41	0:00
	BG* Kukas Nr. 30	6:19	47	0:09	12:21		0:24
	BH* Zeltinkukas 1	3:13	34	0:08	18:01	12	0:11
	BI* Mednieki	0:52	12	0:07	8:03	18	0:13
	BJ O š lejas	0:00	0	0:00			0:00
	BK* Kraces	5:57	44	0:10	9:58		0:44
	BL* Kukas Nr. 5	10:36	55	0:15	29:57		0:42
	BM* Jani š i	0:00	0	0:00	22:28	39	0:00
	BN* Kukas Nr. 36	14:01	59	0:23	34:43		0:58
	BO* Kukas Nr. 20	0:00	0	0:00	20:08	39	0:00
	BP Speldzinu Ozolini	0:00	0	0:00			0:00
	BQ Bisenieki 2	0:00	0	0:00			0:00

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SHADOW - Main Result

Calculation: Enercon E175H - Real Case Curtailment

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No.	Name	Shadow, worst case			Avoided hours per year	Avoided days per year	Shadow, expected values	
		Shadow hours per year	Shadow days per year	Max shadow hours per day			Shadow hours per year	Avoided hours per year
		[h/year]	[days/year]	[h/day]	[h/year]	[days/year]	[h/year]	[h/year]
BR	Dujas	0:00	0	0:00			0:00	
BS	Malini	0:00	0	0:00			0:00	
BT	Speldzinās	0:00	0	0:00			0:00	
BU	Virzinās	12:32	36	0:26			4:04	
BV	Lici š i	0:00	0	0:00			0:00	
BW	Priednieku Bisenieki	0:00	0	0:00			0:00	
BX	Bisenieki	0:00	0	0:00			0:00	
BY*	Lei š u Sils	23:34	73	0:23	59:38	6	1:38	4:02
BZ*	Lei š usils	3:57	59	0:06	46:28	13	0:15	3:06
CA*	Strazdi	27:42	81	0:28	32:55	57	5:18	7:28
CB*	Radini	20:03	64	0:28	31:55	56	4:45	6:23
CC*	Kreslini	25:12	74	0:29	76:33	135	6:42	20:13
CD*	Sili	14:43	46	0:26	69:55	129	4:43	11:47
CE*	Skujenieki	31:26	117	0:28	81:40	115	6:51	22:43
CF*	Salmini	22:32	73	0:25	64:29	91	2:01	12:38
CG*	Senci	9:54	33	0:25	86:16	187	1:58	18:38
CH*	Pakalni	23:21	103	0:28	82:40	133	5:49	22:32
CI*	Skalbes	23:14	74	0:27	85:22	132	3:33	18:27
CJ*	Kastani	22:12	67	0:26	68:57	124	5:04	19:40
CK	Kvie š i	13:52	37	0:29			2:29	
CL	Pukulejas	0:00	0	0:00			0:00	
CM*	Celinieki	9:37	32	0:24	100:18	197	2:48	18:16
CN*	Purvini	24:40	73	0:28	85:38	119	4:41	9:56
CO*	Salenieki	0:00	0	0:00	16:23	41	0:00	4:49
CP*	Ogu Purvs	0:00	0	0:00	18:40	43	0:00	4:29
CQ*	Me ž a Papuli	22:42	107	0:25	31:51	38	6:37	8:13
CR*	Noras	24:53	66	0:26	107:53	143	1:41	16:13
CS*	Me ž mali	16:24	142	0:23	83:53	75	3:43	12:58
CT*	Kurani	21:35	169	0:19	81:23	48	3:22	13:33
CU*	Berzkalni	12:59	39	0:26	97:21	165	3:56	13:08
CV*	Saulcerini	14:01	78	0:29	51:05	80	4:17	12:53
CW*	Airites	29:49	110	0:29	35:26	38	6:18	9:18
CX*	Lejnieki	19:06	97	0:21	78:27	130	1:47	16:39
CY	Vipmali	0:00	0	0:00			0:00	
CZ*	Celmalas	19:05	49	0:29	50:39	81	6:12	15:54
DA	Kalna Galvani	14:36	44	0:25			4:42	
DB*	Su š i	0:00	0	0:00	23:18	53	0:00	7:10
DC	Strautlejas	0:00	0	0:00			0:00	
DD	Irgeni	0:00	0	0:00			0:00	
DE	Alejas	0:00	0	0:00			0:00	
DF*	Galvani	15:56	50	0:26	57:04	54	5:07	18:28

* Receptors where shadow flicker is reduced by curtailment

Total amount of flickering on the shadow receptors caused by each WTG

No.	Name	Worst case [h/year]	Stopped due to flicker curtailment [h/year]	Expected [h/year]
1	K20	18:46	91:42	2:48
2	K21	14:36	66:35	4:42
3	K19	12:37	68:45	0:49
4	K18	14:32	24:47	2:11
5	K22	40:49		6:49
6	K1	95:17	184:36	8:16
7	K8	17:06	121:13	2:12
8	K17	63:17		13:56
9	K5	38:11	32:04	11:54
10	K9	0:00		0:00
11	K11	0:00	198:20	0:00
12	K12	2:57	41:14	0:55
13	K23	19:41	66:28	4:40
14	K4	27:46	135:10	7:55
15	K3	59:17	114:20	9:14

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SHADOW - Main Result

Calculation: Enercon E175H - Real Case Curtailment

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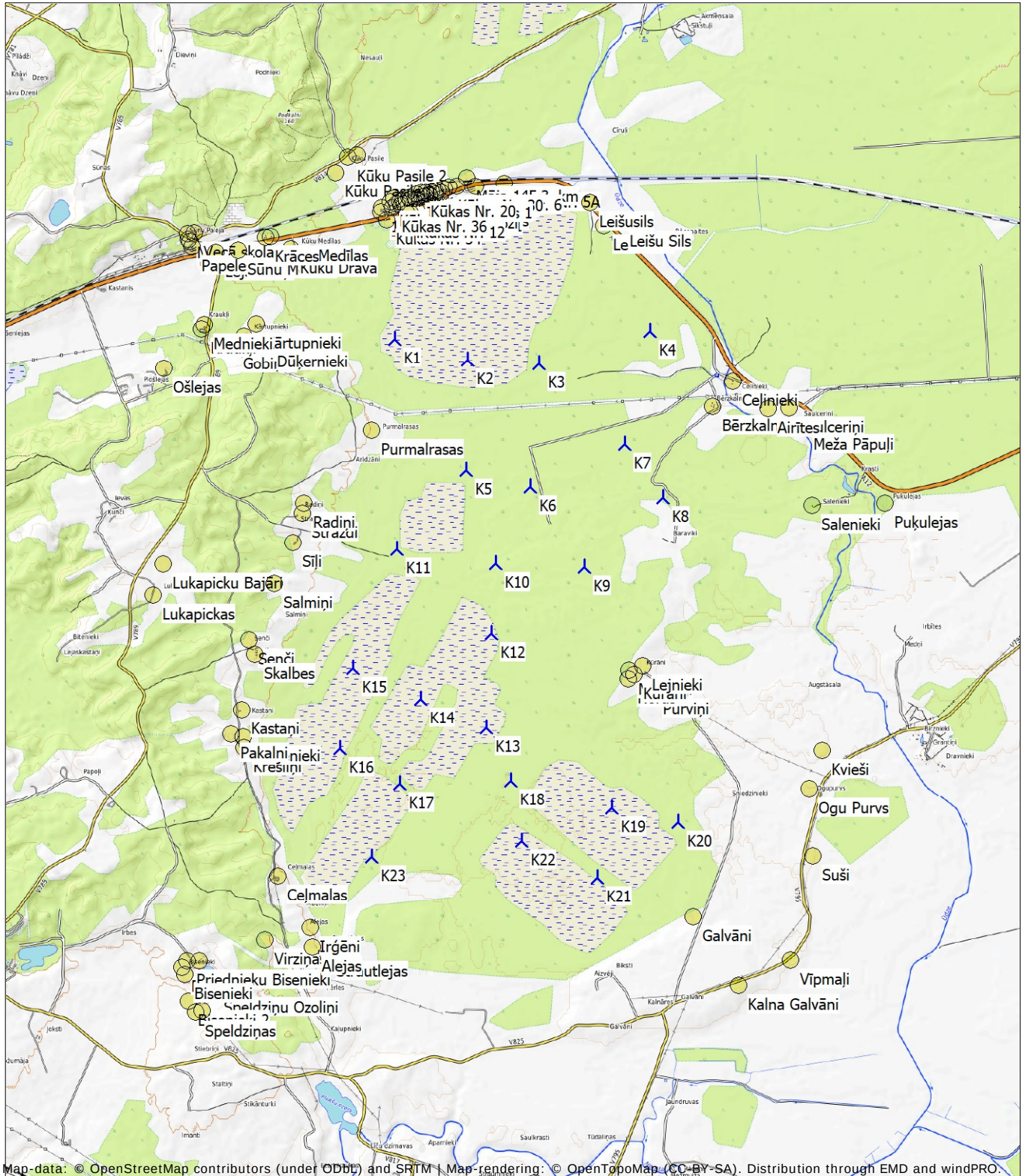
No.	Name	Worst case [h/year]	Stopped due to flicker curtailment [h/year]	Expected [h/year]
16	K15	13:35	238:20	0:48
17	K13	18:14	15:18	3:55
18	K16	12:42	134:26	1:11
19	K14	62:23		14:48
20	K6	12:18		2:32
21	K2	39:28	76:38	6:59
22	K7	13:10	69:42	3:19
23	K10	5:00	39:21	1:36

Total times in Receptor wise and WTG wise tables can differ, as a WTG can lead to flicker at 2 or more receptors simultaneously and/or receptors may receive flicker from 2 or more WTGs simultaneously.

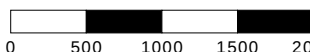
The calculation of the total expected values for a given receptor assumes a weighted average directional reduction for all WTGs contributing to shadow flicker within the same day. In the case where shadow flicker from different WTGs is not concurrent within the day, the total expected time at a given receptor may deviate marginally from the individual flicker time caused by each turbine separately.

SHADOW - Map

Calculation: Enercon E175H - Real Case Curtailment



Map-data: © OpenStreetMap contributors (under ODbL) and SRTM | Map-rendering: © OpenTopoMap (CC-BY-SA). Distribution through EMD and windPRO.



Map: OpenTopoMap, Print scale 1:50 000, Map center Geo WGS84 East: 26,110848° E North: 56,514183° N

New WTG

Shadow receptor

Flicker map level: DTM - Terrain model