

Project:

VC22362_Mezaine-LV_SIA-K2

Description:

Pavilostas Wind Farm
 Draft Layout - Final Calculation/assessment will be made in the
 Technical State
 Noise Calculation according to German Standard incl. 2.1dB
 Uncertainty

Licensed user:

Deutsche WindGuard GmbH
 Oldenburger Str. 65
 DE-26316 Varel
 +49 (0)4451 9515 0
 I. Marr / I.marr@windguard.de
 Calculated:
 10.04.2024 15:20/4.0.531

DECIBEL - Assumptions for noise calculation

Calculation: All-houses_N163-7000-HH164m-STE

Noise calculation model:

ISO 9613-2 German (Interimsverfahren)

Wind speed (at hubheight):

Highest noise value

Ground attenuation:

Fixed values, Agr: -3.0, Dc: 0.0

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

WTG catalogue

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

5.0 m; Allow override of model height with height from NSA object

Uncertainty margin:

Unsicherheit wurde zu Schallpegel der WEA hinzugefügt

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

0.0 dB(A)

Octave data required

Frequency dependent air absorption

63	125	250	500	1 000	2 000	4 000	8 000
[dB/km]	[dB/km]	[dB/km]	[dB/km]	[dB/km]	[dB/km]	[dB/km]	[dB/km]
0.10	0.40	1.00	1.90	3.70	9.70	32.80	117.00

All coordinates are in

Latvian TM LKS92-LKS92 (LV)

WTG: NORDEX N163/6.X 7000 163.0 !O!

Noise: N163/6.X_R07 HH164_STE STE Mode 1

Source Source/Date Creator Edited

NORDEX 21.06.2023 USER 21.06.2023 07:44

F008_277_A06_R08, F008_277_A12_R07, F008_277_A13_R07, F008_277_A14_R07, F008_277_A15_R07, F008_277_A17_R07, F008_277_A19_R07, F008_277_A20_R07

Status	Wind speed (hh) [m/s]	LwA,ref [dB(A)]	Uncertainty [dB(A)]	Pure tones	Octave data							
					63	125	250	500	1000	2000	4000	8000
From Windcat	10.7	106.4	2.1	No	92.4	97.1	99.4	99.9	100.3	98.2	88.7	69.8

WTG: NORDEX N163/6.X 7000 163.0 !O!

Noise: N163/6.X_R07 HH164_STE STE Mode 9

Source Source/Date Creator Edited

NORDEX 21.06.2023 USER 21.06.2023 07:44

F008_277_A06_R08, F008_277_A12_R07, F008_277_A13_R07, F008_277_A14_R07, F008_277_A15_R07, F008_277_A17_R07, F008_277_A19_R07, F008_277_A20_R07

Status	Wind speed (hh) [m/s]	LwA,ref [dB(A)]	Uncertainty [dB(A)]	Pure tones	Octave data							
					63	125	250	500	1000	2000	4000	8000
From Windcat	7.6	101.0	2.1	No	87.0	91.7	94.0	94.5	94.9	92.8	83.3	64.4

WTG: NORDEX N163/6.X 7000 163.0 !O!

Noise: N163/6.X_R07 HH164_STE STE Mode 3

Source Source/Date Creator Edited

NORDEX 21.06.2023 USER 21.06.2023 07:44

F008_277_A06_R08, F008_277_A12_R07, F008_277_A13_R07, F008_277_A14_R07, F008_277_A15_R07, F008_277_A17_R07, F008_277_A19_R07, F008_277_A20_R07

Status	Wind speed (hh) [m/s]	LwA,ref [dB(A)]	Uncertainty [dB(A)]	Pure tones	Octave data							
					63	125	250	500	1000	2000	4000	8000
From Windcat	9.2	105.5	2.1	No	91.5	96.2	98.5	99.0	99.4	97.3	87.8	68.9

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DECIBEL - Assumptions for noise calculation

Calculation: All-houses_N163-7000-HH164m-STE

WTG: NORDEX N163/6.X 7000 163.0 !O!

Noise: N163/6.X_R07 HH164_STE STE Mode 15

Source Source/Date Creator Edited
NORDEX 21.06.2023 USER 21.06.2023 07:44
F008_277_A06_R08, F008_277_A12_R07, F008_277_A13_R07, F008_277_A14_R07, F008_277_A15_R07, F008_277_A17_R07, F008_277_A19_R07,
F008_277_A20_R07

Status	Wind speed (hh) [m/s]	LwA,ref [dB(A)]	Uncertainty [dB(A)]	Pure tones	Octave data							
					63 [dB]	125 [dB]	250 [dB]	500 [dB]	1000 [dB]	2000 [dB]	4000 [dB]	8000 [dB]
From Windcat	7.6	98.0	2.1	No	84.0	88.7	91.0	91.5	91.9	89.8	80.3	61.4

WTG: NORDEX N163/6.X 7000 163.0 !O!

Noise: N163/6.X_R07 HH164_STE STE Mode 5

Source Source/Date Creator Edited
NORDEX 21.06.2023 USER 21.06.2023 07:44
F008_277_A06_R08, F008_277_A12_R07, F008_277_A13_R07, F008_277_A14_R07, F008_277_A15_R07, F008_277_A17_R07, F008_277_A19_R07,
F008_277_A20_R07

Status	Wind speed (hh) [m/s]	LwA,ref [dB(A)]	Uncertainty [dB(A)]	Pure tones	Octave data							
					63 [dB]	125 [dB]	250 [dB]	500 [dB]	1000 [dB]	2000 [dB]	4000 [dB]	8000 [dB]
From Windcat	9.2	104.5	2.1	No	90.5	95.2	97.5	98.0	98.4	96.3	86.8	67.9

WTG: NORDEX N163/6.X 7000 163.0 !O!

Noise: N163/6.X_R07 HH164_STE STE Mode 11

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NORDEX 21.06.2023 USER 21.06.2023 07:44
F008_277_A06_R08, F008_277_A12_R07, F008_277_A13_R07, F008_277_A14_R07, F008_277_A15_R07, F008_277_A17_R07, F008_277_A19_R07,
F008_277_A20_R07

Status	Wind speed (hh) [m/s]	LwA,ref [dB(A)]	Uncertainty [dB(A)]	Pure tones	Octave data							
					63 [dB]	125 [dB]	250 [dB]	500 [dB]	1000 [dB]	2000 [dB]	4000 [dB]	8000 [dB]
From Windcat	7.6	100.0	2.1	No	86.0	90.7	93.0	93.5	93.9	91.8	82.3	63.4

Noise sensitive area: A Akmenu_iela_1

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: B Aleksandri

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: C Aikš ni

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: D Andari

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning

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DECIBEL - Assumptions for noise calculation

Calculation: All-houses_N163-7000-HH164m-STE

Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: E Apses

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: F Atvari

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: G Ausekli

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: H Balandas

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: I Balgali

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: J Baltnieki

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: K Bernvaldi

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: L Berzmales

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

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DECIBEL - Assumptions for noise calculation

Calculation: All-houses_N163-7000-HH164m-STE

Noise sensitive area: M Berzu_Gatve

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: N Bruveri

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: O Celmini

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: P Celtnieku_iela_1

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: Q Celtnieku_iela_1

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: R Celtnieku_iela_1A

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: S Celtnieku_iela_1B/Celtnieku_iela_1C

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: T Celtnieku_iela_2

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: U Celtnieku_iela_2A

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

No distance demand

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DECIBEL - Assumptions for noise calculation

Calculation: All-houses_N163-7000-HH164m-STE

Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: V Celtnieku_iela_4

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: W Ceptuve

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: X Cepurnieki

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: Y Cirulu_iela_6;_Soc._aprup._cent.

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: Z Cirulu_iela_7

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: AA Dikenieki

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: AB Druvinas

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: AC Durbenieki

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

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DECIBEL - Assumptions for noise calculation

Calculation: All-houses_N163-7000-HH164m-STE

Noise sensitive area: AD Dziedataji

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: AE Dzintaru_iela_23;_Pavilostas_muzikas_skola

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: AF Dzintaru_iela_52;_Pamatskola

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: AG Eglenieki

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: AH Ernesta_Šneidera_Laikums_2;_Makslas_skola

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: AI Ezernieki

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: AJ Freibergi

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: AK Gralles

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: AL Graudares

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

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Calculation: All-houses_N163-7000-HH164m-STE

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: AM Graudini

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: AN Ievlejas

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: AO Jaunzemji

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: AP Kalnaraji

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: AQ Kalnmali

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: AR Kalvenes

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: AS Katrinās

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: AT Klavinas

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

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DECIBEL - Assumptions for noise calculation

Calculation: All-houses_N163-7000-HH164m-STE

Noise sensitive area: AU Krastini

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: AV Krastmalas

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: AW Kraujas

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: AX Kraujienas

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: AY Krejotava

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: AZ Kesteri

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: BA Kuki

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: BB Lagzdini

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: BC Lejzemnieki

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Project:

VC22362_Mezaine-LV_SIA-K2

Description:

Pavilostas Wind Farm
Draft Layout - Final Calculation/assessment will be made in the
Technical State
Noise Calculation according to German Standard incl. 2.1dB
Uncertainty

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I. Marr / I.marr@windguard.de
Calculated:
10.04.2024 15:20/4.0.531

DECIBEL - Assumptions for noise calculation

Calculation: All-houses_N163-7000-HH164m-STE

Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: BD Liepinas

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: BE Lici

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: BF Lizinas

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: BG Matrož i

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: BH Mazberzi

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: BI Mazplateri

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: BJ Macitajmaja

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: BK Marsili

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Project:

VC22362_Mezaine-LV_SIA-K2

Description:

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DECIBEL - Assumptions for noise calculation

Calculation: All-houses_N163-7000-HH164m-STE

Noise sensitive area: BL Mež a_iela_11

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: BM Mež a_iela_3

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: BN Novadi

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: BO Ozoli

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: BP Pienotava

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: BQ Pilskalni

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: BR Plateri

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: BS Priedaine

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: BT Remšas

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Project:

VC22362_Mezaine-LV_SIA-K2

Description:

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Uncertainty

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DECIBEL - Assumptions for noise calculation

Calculation: All-houses_N163-7000-HH164m-STE

Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: BU Reki

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: BV Riekstini

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: BW Robež nieki

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: BX Sakas_iela_7/Sakas_iela_6C

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: BY Sakas_pasts

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: BZ Sakas_skola

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: CA Sakas_stacija

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: CB Sakaslejas_baznica

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Project:

VC22362_Mezaine-LV_SIA-K2

Description:

Pavilostas Wind Farm
Draft Layout - Final Calculation/assessment will be made in the
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DECIBEL - Assumptions for noise calculation

Calculation: All-houses_N163-7000-HH164m-STE

Noise sensitive area: CC Senu_iela_7

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: CD Snikeri

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: CE Spriedeji

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: CF Stadiona_iela_6;PPII_"Dzintarinš "

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: CG Strautmali

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: CH Strazdi

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: CI Sudrabi

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: CJ Sunkuri

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: CK Škapari

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Project:

VC22362_Mezaine-LV_SIA-K2

Description:

Pavilostas Wind Farm
Draft Layout - Final Calculation/assessment will be made in the
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Uncertainty

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DECIBEL - Assumptions for noise calculation

Calculation: All-houses_N163-7000-HH164m-STE

Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: CL Tebrenieki

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: CM Tiltnieki

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: CN Treimani

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: CO Turaidas

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: CP Upenieki

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: CQ Upes_iela_3/Upes_iela_1

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: CR Upes_iela_5

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: CS Upes_iela_7

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Project:

VC22362_Mezaine-LV_SIA-K2

Description:

Pavilostas Wind Farm
Draft Layout - Final Calculation/assessment will be made in the
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Uncertainty

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DECIBEL - Assumptions for noise calculation

Calculation: All-houses_N163-7000-HH164m-STE

Noise sensitive area: CT Upeskrasti

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: CU Upeslejas

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: CV Vadenieki

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: CW Vairogi

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: CX Vaskupi

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: CY Varpas

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: CZ Vecvagari

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: DA Veberi

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Noise demand: 45.0 dB(A)

No distance demand

Noise sensitive area: DB Vejkalni

Predefined calculation standard: Dorf- und Mischgebiete

Immission height(a.g.l.): Use standard value from calculation model

Uncertainty margin: Use default value from calculation model

No temporal binning

Project:

VC22362_Mezaine-LV_SIA-K2

Description:

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10.04.2024 15:20/4.0.531

DECIBEL - Assumptions for noise calculation

Calculation: All-houses_N163-7000-HH164m-STE

Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: DC Vitoli

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: DD Zalumi

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: DE Zemites

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: DF Zemturi

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: DG Ziles

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand

Noise sensitive area: DH Zvejnieki

Predefined calculation standard: Dorf- und Mischgebiete
Immission height(a.g.l.): Use standard value from calculation model
Uncertainty margin: Use default value from calculation model
No temporal binning
Noise demand: 45.0 dB(A)
No distance demand