

Project:

Flickering_Valka_Siemens_Gamesa

Licensed user:

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Calculated:

15/01/2026 18:42/4.1.254

SHADOW - Main Result

Calculation: Flickering_Valka_Siemens_Gamesa

Assumptions for shadow calculations

Maximum distance for influence

Calculate only when more than 20 % of sun is covered by the blade

Please look in WTG table

Minimum sun height over horizon for influence

3 °

Day step for calculation

1 days

Time step for calculation

1 minutes

Sunshine probability S (Average daily sunshine hours) []

| Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|------|------|------|------|------|-------|------|------|------|------|------|------|
| 0.80 | 1.82 | 4.75 | 6.09 | 9.67 | 10.05 | 8.16 | 7.72 | 5.94 | 2.93 | 0.63 | 0.41 |

No operational time reduction. It is assumed the WTGs are always running with worst case wind direction.

Monthly aggregation of real case reduction

A ZVI (Zones of Visual Influence) calculation is performed before flicker calculation so non visible WTG do not contribute to calculated flicker values. A WTG will be visible if it is visible from any part of the receiver window. The ZVI calculation is based on the following assumptions:

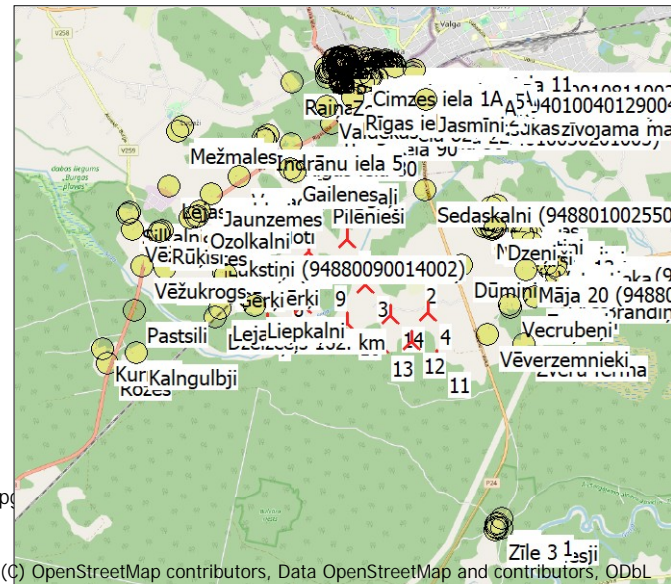
DHM: Elevation Grid Data Object: Flickering_Valka_Vestas172_EMDGrid_0.wpd

Receptor grid resolution: 1.0 m

Topographic shadow included in calculation

All coordinates are in

Latvian TM LKS92-LKS92 (LV)



New WTG

Scale 1:125,000

Shadow receptor

WTGs

| Y | X | Z | Row data/Description | WTG type | | | Power, rated [kW] | Rotor diameter [m] | Hub height [m] | Shadow data | |
|----|---------|---------|--------------------------------------|----------------|------------------|----------------|-------------------|--------------------|----------------|--------------------------|-----------|
| | | | | Valid | Manufact. | Type-generator | | | | Calculation distance [m] | RPM [RPM] |
| | | [m] | | | | | | | | | |
| 1 | 619,194 | 402,093 | 52.6 Siemens Gamesa SG 7.0-170...Yes | Siemens Gamesa | SG 7.0-170-7,000 | 7,000 | 170.0 | 165.0 | 2,500 | 9.2 | |
| 2 | 620,315 | 401,596 | 57.8 Siemens Gamesa SG 7.0-170...Yes | Siemens Gamesa | SG 7.0-170-7,000 | 7,000 | 170.0 | 165.0 | 2,500 | 9.2 | |
| 3 | 619,535 | 401,335 | 53.5 Siemens Gamesa SG 7.0-170...Yes | Siemens Gamesa | SG 7.0-170-7,000 | 7,000 | 170.0 | 165.0 | 2,500 | 9.2 | |
| 4 | 620,585 | 400,916 | 61.6 Siemens Gamesa SG 7.0-170...Yes | Siemens Gamesa | SG 7.0-170-7,000 | 7,000 | 170.0 | 165.0 | 2,500 | 9.2 | |
| 5 | 618,569 | 401,868 | 53.8 Siemens Gamesa SG 7.0-170...Yes | Siemens Gamesa | SG 7.0-170-7,000 | 7,000 | 170.0 | 165.0 | 2,500 | 9.2 | |
| 6 | 618,115 | 401,289 | 62.5 Siemens Gamesa SG 7.0-170...Yes | Siemens Gamesa | SG 7.0-170-7,000 | 7,000 | 170.0 | 165.0 | 2,500 | 9.2 | |
| 7 | 617,919 | 400,632 | 64.2 Siemens Gamesa SG 7.0-170...Yes | Siemens Gamesa | SG 7.0-170-7,000 | 7,000 | 170.0 | 165.0 | 2,500 | 9.2 | |
| 8 | 618,506 | 400,993 | 62.0 Siemens Gamesa SG 7.0-170...Yes | Siemens Gamesa | SG 7.0-170-7,000 | 7,000 | 170.0 | 165.0 | 2,500 | 9.2 | |
| 9 | 618,827 | 401,499 | 54.4 Siemens Gamesa SG 7.0-170...Yes | Siemens Gamesa | SG 7.0-170-7,000 | 7,000 | 170.0 | 165.0 | 2,500 | 9.2 | |
| 10 | 619,234 | 400,696 | 57.1 Siemens Gamesa SG 7.0-170...Yes | Siemens Gamesa | SG 7.0-170-7,000 | 7,000 | 170.0 | 165.0 | 2,500 | 9.2 | |
| 11 | 620,756 | 400,139 | 55.1 Siemens Gamesa SG 7.0-170...Yes | Siemens Gamesa | SG 7.0-170-7,000 | 7,000 | 170.0 | 165.0 | 2,500 | 9.2 | |
| 12 | 620,303 | 400,415 | 52.6 Siemens Gamesa SG 7.0-170...Yes | Siemens Gamesa | SG 7.0-170-7,000 | 7,000 | 170.0 | 165.0 | 2,500 | 9.2 | |
| 13 | 619,801 | 400,367 | 53.4 Siemens Gamesa SG 7.0-170...Yes | Siemens Gamesa | SG 7.0-170-7,000 | 7,000 | 170.0 | 165.0 | 2,500 | 9.2 | |
| 14 | 619,944 | 400,841 | 52.6 Siemens Gamesa SG 7.0-170...Yes | Siemens Gamesa | SG 7.0-170-7,000 | 7,000 | 170.0 | 165.0 | 2,500 | 9.2 | |

Shadow receptor-Input

| No. | Y | X | Z | Width | Height | Elevation a.g.l. | Slope of window | Direction mode | Eye height (ZVI) a.g.l. |
|------------------|---------|---------|------|-------|--------|------------------|-----------------|--------------------|-------------------------|
| | | | [m] | [m] | [m] | [m] | [°] | | [m] |
| Astras | 621,845 | 397,366 | 57.1 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Ausekli | 616,204 | 401,525 | 59.0 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Avoti | 622,246 | 402,269 | 73.0 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Bajari | 621,575 | 402,366 | 78.2 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Blaumana iela 2 | 619,187 | 405,099 | 58.9 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Blaumana iela 2A | 619,212 | 405,051 | 60.5 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Brandini | 623,279 | 401,439 | 76.0 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Cimzes iela 1 | 619,309 | 404,787 | 61.8 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Cimzes iela 10 | 619,456 | 404,508 | 53.6 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Cimzes iela 11 | 619,468 | 404,559 | 55.0 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Cimzes iela 12 | 619,431 | 404,459 | 55.2 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Cimzes iela 14 | 619,494 | 404,416 | 53.6 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Cimzes iela 16 | 619,507 | 404,366 | 52.7 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Cimzes iela 18 | 619,520 | 404,273 | 52.8 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Cimzes iela 19 | 619,522 | 404,426 | 53.0 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Cimzes iela 1A | 619,342 | 404,832 | 60.1 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |

To be continued on next page...

SHADOW - Main Result

Calculation: Flickering_Valka_Siemens_Gamesa

...continued from previous page

| No. | Y | X | Z | Width | Height | Elevation a.g.l. | Slope of window [°] | Direction mode | Eye height (ZVI) a.g.l. [m] |
|--------------------------------|---------|---------|------|-------|--------|---------------------|---------------------------|--------------------|-----------------------------------|
| | | | [m] | [m] | [m] | [m] | | | |
| Cimzes iela 2 | 619,284 | 404,758 | 62.0 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Cimzes iela 20 | 619,512 | 404,245 | 53.1 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Cimzes iela 21 | 619,528 | 404,407 | 52.9 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Cimzes iela 21A | 619,536 | 404,387 | 52.5 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Cimzes iela 22 | 619,504 | 404,211 | 52.7 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Cimzes iela 23 | 619,541 | 404,360 | 52.6 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Cimzes iela 24 | 619,426 | 404,205 | 54.6 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Cimzes iela 25 | 619,552 | 404,308 | 52.4 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Cimzes iela 26 | 619,470 | 404,141 | 53.2 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Cimzes iela 27 | 619,552 | 404,247 | 52.7 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Cimzes iela 28 | 619,470 | 404,096 | 53.4 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Cimzes iela 29 | 619,528 | 404,189 | 52.8 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Cimzes iela 3 | 619,323 | 404,769 | 62.3 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Cimzes iela 30 | 619,407 | 404,110 | 54.3 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Cimzes iela 5 | 619,341 | 404,745 | 62.1 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Cimzes iela 7 | 619,361 | 404,720 | 62.1 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Cimzes iela 7a | 619,372 | 404,703 | 62.0 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Cimzes iela 9 | 619,388 | 404,681 | 60.8 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Dravas | 621,387 | 402,525 | 77.9 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Dzelzelš 162. km | 617,057 | 400,745 | 60.5 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Dzeni | 621,646 | 402,347 | 78.2 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Darza iela 1 | 619,421 | 404,364 | 56.8 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Darza iela 10 | 619,330 | 404,285 | 57.3 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Darza iela 11 (94010030201001) | 619,368 | 404,190 | 56.3 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Darza iela 11 (94010030201005) | 619,357 | 404,182 | 56.4 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Darza iela 12 | 619,334 | 404,235 | 56.5 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Darza iela 13 | 619,332 | 404,170 | 57.2 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Darza iela 14 | 619,320 | 404,206 | 57.3 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Darza iela 15 | 619,309 | 404,133 | 57.5 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Darza iela 16 | 619,312 | 404,184 | 57.9 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Darza iela 17 | 619,283 | 404,095 | 57.5 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Darza iela 18 | 619,293 | 404,148 | 58.0 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Darza iela 18A | 619,272 | 404,121 | 58.0 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Darza iela 19 | 619,265 | 404,060 | 56.8 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Darza iela 20 | 619,266 | 404,107 | 58.0 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Darza iela 20A | 619,256 | 404,094 | 57.9 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Darza iela 22 | 619,240 | 404,074 | 57.0 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Darza iela 3 | 619,405 | 404,332 | 56.5 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Darza iela 4 | 619,388 | 404,352 | 57.8 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Darza iela 5 | 619,388 | 404,293 | 55.4 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Darza iela 6 | 619,371 | 404,313 | 56.4 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Darza iela 7 | 619,365 | 404,251 | 55.3 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Darza iela 8 | 619,360 | 404,292 | 55.9 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Darza iela 9 | 619,350 | 404,216 | 56.3 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Dumini | 621,118 | 401,704 | 67.8 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Gailenes | 618,227 | 403,223 | 66.7 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Gaisini | 621,570 | 402,697 | 75.1 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Gaujas iela 11 | 620,312 | 404,461 | 59.5 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Gravas | 621,450 | 402,510 | 77.7 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Indranu iela 5 | 617,812 | 403,675 | 62.4 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Indranu iela 5 | 617,752 | 403,711 | 63.9 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Indranu iela 8 | 617,841 | 403,755 | 65.4 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Jasmini | 620,431 | 404,427 | 66.4 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Jaunpaukas | 620,701 | 404,392 | 62.4 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Jauntilgali | 618,319 | 403,182 | 66.7 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Jaunzemes | 616,921 | 402,776 | 67.3 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Jaunziles | 621,804 | 397,336 | 55.8 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Jauna iela 1 | 619,133 | 404,995 | 60.1 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Jauna iela 3 | 619,115 | 405,033 | 60.8 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Jauna iela 4 | 619,106 | 405,052 | 61.4 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Jauna iela 4A | 619,116 | 405,082 | 61.0 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Jauna iela 5 | 619,086 | 405,028 | 62.2 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Jauna iela 6 | 619,087 | 405,089 | 61.8 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Jauna iela 7 | 619,104 | 404,992 | 60.6 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |

To be continued on next page...

SHADOW - Main Result

Calculation: Flickering_Valka_Siemens_Gamesa

...continued from previous page

| No. | Y | X | Z | Width | Height | Elevation a.g.l. | Slope of window [°] | Direction mode | Eye height (ZVI) a.g.l. [m] |
|----------------------------------|---------|---------|------|-------|--------|---------------------|---------------------------|--------------------|-----------------------------------|
| | | | [m] | [m] | [m] | [m] | | | |
| Kalngulbji | 615,759 | 400,116 | 67.5 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Kalnieš i | 622,832 | 401,705 | 75.7 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Kalnaldoti | 616,760 | 402,489 | 65.9 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Kalngerki | 617,174 | 401,465 | 64.3 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Kastanas | 621,661 | 402,454 | 78.2 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Kristali | 621,615 | 402,466 | 78.4 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Kurmiš i | 615,208 | 400,153 | 64.2 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Karla Skalbes iela 10 | 619,494 | 405,044 | 63.8 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Karla Skalbes iela 11 | 619,583 | 405,067 | 63.7 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Karla Skalbes iela 15 | 619,546 | 405,018 | 62.7 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Karla Skalbes iela 17 | 619,537 | 404,998 | 62.4 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Karla Skalbes iela 19 | 619,529 | 404,966 | 60.3 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Lati | 622,160 | 402,305 | 74.2 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Latini | 621,523 | 402,491 | 77.8 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Lauku iela 2 | 619,223 | 404,235 | 59.4 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Ledini | 620,831 | 404,427 | 63.4 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Lejas Gerki | 617,129 | 400,875 | 62.1 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Lejasstaldoti | 616,230 | 402,880 | 61.1 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Liepas | 623,307 | 401,500 | 75.7 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Liepkalni | 617,694 | 400,932 | 64.8 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Lukstini (94880090014001) | 616,950 | 401,888 | 65.0 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Lukstini (94880090014002) | 617,011 | 401,935 | 64.1 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Liksnaš | 622,254 | 402,221 | 73.6 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Livas | 622,049 | 402,303 | 75.6 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Mazdzintari | 622,623 | 401,849 | 75.4 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Medini | 622,130 | 402,233 | 75.6 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Merkela iela 10 (94010010901001) | 619,700 | 405,037 | 63.6 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Merkela iela 10 (94010010901002) | 619,682 | 405,046 | 64.3 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Merkela iela 12 | 619,690 | 405,019 | 64.1 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Merkela iela 13 | 619,754 | 405,055 | 61.0 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Merkela iela 13A | 619,775 | 405,009 | 58.6 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Merkela iela 14 | 619,633 | 405,019 | 63.4 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Merkela iela 15 | 619,706 | 404,938 | 61.1 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Merkela iela 16 | 619,652 | 404,972 | 62.0 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Merkela iela 16A | 619,640 | 404,956 | 61.3 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Merkela iela 17 | 619,689 | 404,984 | 62.5 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Merkela iela 18 | 619,626 | 404,941 | 60.4 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Merkela iela 19 | 619,665 | 404,955 | 61.5 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Merkela iela 20 | 619,602 | 404,936 | 59.6 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Merkela iela 21 | 619,651 | 404,937 | 60.9 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Merkela iela 23 | 619,654 | 404,893 | 58.6 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Mež males | 616,342 | 403,781 | 64.0 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Mež vini 1 | 622,218 | 402,177 | 74.7 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Mež vini 2 | 622,224 | 402,184 | 74.8 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Mež ares | 615,551 | 402,385 | 64.2 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Miera iela 2 | 620,195 | 404,873 | 53.9 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Miera iela 5 | 620,250 | 404,906 | 52.9 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Miera iela 7 | 620,231 | 404,811 | 53.9 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Muzeja iela 1 | 619,241 | 404,686 | 63.0 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Muzeja iela 10 | 619,201 | 404,592 | 62.2 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Muzeja iela 3 | 619,253 | 404,656 | 63.0 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Muzeja iela 5 | 619,296 | 404,613 | 61.8 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Muzeja iela 6 | 619,251 | 404,561 | 61.1 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Muzeja iela 7 | 619,273 | 404,594 | 61.8 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Muzeja iela 8 | 619,222 | 404,578 | 62.0 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Muzeja iela 9 | 619,237 | 404,630 | 62.3 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Maja 13 | 622,270 | 402,120 | 73.3 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Maja 14 | 622,408 | 401,857 | 76.3 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Maja 16 | 622,302 | 402,014 | 76.0 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Maja 2 | 622,636 | 401,643 | 76.1 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Maja 20 (94880100118001) | 622,237 | 402,066 | 74.5 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Maja 20 (94880100123001) | 622,169 | 401,666 | 73.4 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Maja 22 | 622,201 | 402,065 | 74.2 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Maja 3 | 622,709 | 401,706 | 75.9 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |

To be continued on next page...

SHADOW - Main Result

Calculation: Flickering_Valka_Siemens_Gamesa

...continued from previous page

| No. | Y | X | Z | Width | Height | Elevation a.g.l. | Slope of window [°] | Direction mode | Eye height (ZVI) a.g.l. [m] |
|---------------------------------|---------|---------|------|-------|--------|---------------------|---------------------------|--------------------|-----------------------------------|
| | | | [m] | [m] | [m] | [m] | | | |
| Maja 4 | 622,600 | 401,684 | 76.0 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Maja 5 | 622,670 | 401,744 | 75.6 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Maja 6 | 622,565 | 401,725 | 76.1 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Maja 7 | 622,631 | 401,783 | 75.5 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Maja 8 | 622,530 | 401,768 | 75.8 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Maja 9 | 622,560 | 401,856 | 75.2 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Malkalni | 622,060 | 402,326 | 75.2 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Marstalu iela 6 | 618,766 | 404,919 | 62.8 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Naglinas | 620,515 | 404,366 | 62.6 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Niedras | 622,149 | 402,218 | 76.0 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Noras | 621,471 | 402,366 | 77.9 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Ozolkalni | 616,719 | 402,395 | 66.6 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Oš i | 621,560 | 402,558 | 77.8 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Pakalnini | 622,287 | 402,261 | 70.9 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Pastsili | 615,719 | 400,792 | 49.4 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Pilenieš i | 618,721 | 402,867 | 60.2 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Planci | 621,226 | 404,353 | 61.7 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Plumes | 622,091 | 402,269 | 75.5 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Plumites | 616,073 | 402,097 | 65.4 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Poruka iela 13 | 619,413 | 405,039 | 62.7 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Poruka iela 15 | 619,443 | 404,995 | 63.1 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Poruka iela 17 | 619,462 | 404,972 | 62.1 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Poruka iela 19 (94010010924001) | 619,510 | 404,944 | 59.7 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Poruka iela 19 (94010010924003) | 619,489 | 404,944 | 60.4 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Poruka iela 21 | 619,558 | 404,894 | 57.3 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Poruka iela 21A | 619,580 | 404,883 | 56.9 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Poruka iela 21B | 619,593 | 404,901 | 57.7 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Poruka iela 23 | 619,603 | 404,870 | 56.2 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Poruka iela 23A | 619,632 | 404,860 | 55.3 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Priedulaji | 621,922 | 397,366 | 57.2 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Pumpura iela 10A | 618,921 | 405,076 | 63.4 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Purva iela 5 | 619,167 | 404,094 | 56.0 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Purva iela 7 | 619,292 | 404,031 | 56.1 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Purva iela 9 | 619,339 | 404,013 | 55.0 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Pinas | 621,687 | 402,595 | 74.6 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Raina iela 37 | 619,397 | 405,085 | 61.0 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Raina iela 41 | 619,186 | 404,981 | 59.9 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Raina iela 51 | 619,083 | 404,927 | 61.2 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Raina iela 53 | 619,062 | 404,912 | 61.4 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Raina iela 55 | 619,029 | 404,903 | 61.8 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Raina iela 57 | 619,009 | 404,895 | 61.9 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Raina iela 58 | 619,082 | 404,969 | 61.8 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Raina iela 59 | 618,990 | 404,886 | 62.2 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Raina iela 60 | 619,064 | 404,960 | 61.9 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Raina iela 61 | 618,969 | 404,876 | 62.5 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Raina iela 62 | 619,047 | 404,953 | 61.9 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Raina iela 64 | 619,026 | 404,943 | 61.6 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Raina iela 66 | 619,011 | 404,935 | 61.4 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Raina iela 72 | 618,959 | 404,909 | 62.0 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Raina iela 74 | 618,914 | 404,887 | 62.8 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Raina iela 76 | 618,888 | 404,875 | 63.2 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Raina iela 78 | 618,224 | 404,650 | 71.8 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Raina iela 78A | 618,858 | 404,861 | 63.3 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Raina iela 80 | 618,835 | 404,849 | 63.8 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Raina iela 82 | 618,811 | 404,838 | 64.8 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Raina iela 84 | 618,796 | 404,830 | 64.3 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Riekstini | 621,694 | 402,445 | 78.1 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Ritas | 621,553 | 402,483 | 78.3 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rozes | 615,287 | 399,907 | 62.6 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rubeni | 621,956 | 401,048 | 76.6 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rudziš i | 622,205 | 402,218 | 75.7 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 29 (94010010711001) | 619,887 | 405,013 | 52.2 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 29 (94010010711002) | 619,900 | 404,993 | 51.5 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 31A | 619,870 | 404,968 | 51.8 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |

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Project:

Flickering_Valka_Siemens_Gamesa

Licensed user:

SIA Estonian, Latvian & Lithuanian environment

Vilandes 3-6

LV-1010 Riga

0037167242411

Baiba / baiba.ozolina@environment.lv

Calculated:

15/01/2026 18:42/4.1.254

SHADOW - Main Result

Calculation: Flickering_Valka_Siemens_Gamesa

...continued from previous page

| No. | Y | X | Z | Width | Height | Elevation a.g.l. | Slope of window [°] | Direction mode | Eye height (ZVI) a.g.l. [m] |
|--------------------------------|---------|---------|------|-------|--------|---------------------|---------------------------|--------------------|-----------------------------------|
| | | | [m] | [m] | [m] | [m] | | | |
| Rigas iela 31B | 619,907 | 404,955 | 50.8 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 33 (94010010712001) | 619,835 | 404,935 | 52.5 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 33 (94010010712002) | 619,848 | 404,953 | 52.4 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 35 | 619,804 | 404,891 | 52.6 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 35A | 619,812 | 404,867 | 51.7 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 35B | 619,833 | 404,856 | 51.3 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 38 (94010010805002) | 619,855 | 405,021 | 53.1 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 40 | 619,821 | 405,010 | 54.6 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 41 (94010020105001) | 619,821 | 404,724 | 53.1 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 41 (94010020105003) | 619,733 | 404,643 | 53.7 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 42 | 619,825 | 404,976 | 53.4 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 44 | 619,806 | 404,950 | 53.5 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 45 | 619,596 | 404,696 | 55.3 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 45A | 619,570 | 404,664 | 55.7 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 46 (94010010811001) | 619,777 | 404,927 | 55.7 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 46 (94010010811002) | 619,770 | 404,943 | 57.0 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 47 | 619,440 | 404,547 | 54.5 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 48 | 619,763 | 404,899 | 56.1 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 49 | 619,392 | 404,535 | 56.2 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 50 | 619,735 | 404,876 | 56.3 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 50A | 619,720 | 404,851 | 54.3 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 51 | 619,377 | 404,522 | 55.2 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 52 | 619,628 | 404,759 | 54.9 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 53 | 619,332 | 404,451 | 57.4 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 54 | 619,605 | 404,742 | 56.2 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 55 | 619,302 | 404,432 | 59.1 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 56 | 619,576 | 404,719 | 56.7 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 57 | 619,279 | 404,398 | 60.0 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 58 | 619,561 | 404,707 | 56.5 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 59 | 619,268 | 404,382 | 60.4 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 60 | 619,541 | 404,689 | 56.3 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 61 | 619,250 | 404,350 | 60.9 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 62 | 619,443 | 404,669 | 59.3 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 62A | 619,472 | 404,664 | 58.8 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 63 | 619,239 | 404,332 | 60.9 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 64 (94010040147001) | 619,317 | 404,689 | 62.7 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 64 (94010040147003) | 619,337 | 404,640 | 61.6 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 65 | 619,226 | 404,310 | 60.7 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 67 | 619,219 | 404,263 | 60.4 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 68 | 619,312 | 404,535 | 59.1 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 69 | 619,190 | 404,253 | 60.7 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 70 | 619,231 | 404,430 | 59.7 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 71 | 619,176 | 404,216 | 60.1 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 72 | 619,206 | 404,396 | 60.7 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 73 | 619,142 | 404,177 | 58.3 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 74 | 619,194 | 404,379 | 60.7 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 75 | 619,122 | 404,150 | 57.3 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 76 | 619,174 | 404,349 | 62.1 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 78 | 619,148 | 404,309 | 62.1 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 80 | 618,237 | 403,629 | 66.0 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 82 | 619,107 | 404,234 | 60.7 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rigas iela 90 | 618,890 | 403,995 | 60.1 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Rukiš i | 616,098 | 402,114 | 65.9 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Saulieš i | 616,598 | 402,359 | 66.4 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Saulites | 621,679 | 402,717 | 71.5 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Sedaskalni (94880100120001) | 622,429 | 401,994 | 76.0 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Sedaskalni (94880100255001) | 620,462 | 402,939 | 60.3 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Sermuli | 616,425 | 403,870 | 67.3 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Sietini | 621,479 | 402,502 | 77.8 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Silkalni | 615,600 | 402,423 | 63.2 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Staldoti | 616,697 | 402,375 | 66.3 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Sviestini | 622,226 | 402,246 | 74.6 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Seli 10 | 622,493 | 401,807 | 76.0 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Seli 12 | 622,459 | 401,849 | 75.6 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |

To be continued on next page...

SHADOW - Main Result

Calculation: Flickering_Valka_Siemens_Gamesa

...continued from previous page

| No. | Y | X | Z | Width | Height | Elevation a.g.l. | Slope of window | Direction mode | Eye height (ZVI) a.g.l. |
|-----------------------------------|---------|---------|------|-------|--------|---------------------|--------------------|--------------------|----------------------------|
| | | | [m] | [m] | [m] | [m] | [°] | | [m] |
| Seli Maja 18 | 622,268 | 402,040 | 75.5 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Sili | 621,918 | 397,525 | 61.2 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Taigas | 622,184 | 402,195 | 75.3 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Valdekas | 618,802 | 404,278 | 61.6 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Valdemara iela 11 | 619,161 | 404,649 | 62.8 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Valdemara iela 13 | 619,149 | 404,626 | 63.4 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Valdemara iela 13A | 619,141 | 404,611 | 63.5 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Valdemara iela 1A | 619,282 | 404,826 | 59.0 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Valdemara iela 3 | 619,241 | 404,781 | 60.1 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Valdemara iela 5 | 619,225 | 404,755 | 60.7 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Valdemara iela 7 (94010040129001) | 619,194 | 404,714 | 62.0 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Valdemara iela 7 (94010040129004) | 619,201 | 404,709 | 62.1 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Valdemara iela 9 | 619,188 | 404,698 | 61.9 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Valmieras iela 11 | 619,434 | 404,864 | 58.8 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Valmieras iela 3 | 619,530 | 404,772 | 59.1 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Valmieras iela 5 | 619,511 | 404,786 | 59.0 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Valmieras iela 7 | 619,489 | 404,811 | 59.6 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Valmieras iela 7A | 619,481 | 404,830 | 59.4 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Valmieras iela 9 | 619,462 | 404,848 | 59.1 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Vanagi | 617,394 | 403,083 | 61.7 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Vecrubeni | 621,922 | 401,079 | 76.3 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Veikals Seli | 622,338 | 402,055 | 75.5 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Vetaptieka | 622,487 | 401,946 | 75.3 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Vidini | 621,609 | 402,323 | 78.4 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Vienibas gatve 6 | 619,734 | 404,584 | 53.9 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Vienibas gatve 7 | 619,886 | 404,612 | 52.5 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Veverszemnieki | 621,567 | 400,588 | 64.8 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Vež i | 615,631 | 402,146 | 59.4 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Vež ukrogs | 615,828 | 401,548 | 55.6 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Viteni | 621,498 | 402,386 | 77.9 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zala iela 1 | 619,064 | 405,076 | 62.2 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zala iela 10 | 619,016 | 405,083 | 62.5 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zala iela 12 | 618,996 | 405,074 | 62.8 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zala iela 14 | 618,981 | 405,066 | 63.1 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zala iela 16 | 618,965 | 405,057 | 63.3 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zala iela 1B | 619,047 | 405,065 | 62.5 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zala iela 3A | 619,024 | 405,056 | 62.7 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zala iela 3B | 619,007 | 405,048 | 62.8 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zala iela 5 | 618,972 | 405,031 | 63.8 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zala iela 7 | 618,956 | 405,017 | 64.0 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zala iela 8 | 619,033 | 405,092 | 62.8 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zeltini | 621,586 | 402,474 | 78.5 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zemdegas | 621,417 | 402,516 | 77.7 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zemgales iela 11 | 619,205 | 404,482 | 60.6 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zemgales iela 12 | 619,278 | 404,505 | 58.3 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zemgales iela 13 | 619,179 | 404,499 | 62.1 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zemgales iela 13A | 619,185 | 404,484 | 61.2 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zemgales iela 14 | 619,247 | 404,497 | 59.4 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zemgales iela 15 | 619,145 | 404,503 | 62.0 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zemgales iela 16 | 619,224 | 404,511 | 60.4 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zemgales iela 17 | 619,125 | 404,534 | 63.0 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zemgales iela 17A | 619,026 | 404,642 | 64.3 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zemgales iela 18 | 619,217 | 404,530 | 60.7 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zemgales iela 19 | 619,014 | 404,668 | 63.4 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zemgales iela 19A | 619,037 | 404,621 | 64.9 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zemgales iela 20 | 619,181 | 404,535 | 62.1 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zemgales iela 22 | 619,151 | 404,553 | 62.4 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zemgales iela 24 | 619,130 | 404,591 | 63.4 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zemgales iela 28 | 619,071 | 404,634 | 63.8 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zemgales iela 3 | 619,489 | 404,328 | 52.9 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zemgales iela 30 | 619,066 | 404,652 | 63.3 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zemgales iela 31 | 618,891 | 404,947 | 62.3 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zemgales iela 34 | 619,045 | 404,693 | 63.1 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zemgales iela 36 | 619,038 | 404,708 | 62.7 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |

To be continued on next page...

SHADOW - Main Result

Calculation: Flickering_Valka_Siemens_Gamesa

...continued from previous page

| No. | Y | X | Z | Width | Height | Elevation a.g.l. | Slope of window | Direction mode | Eye height (ZVI) a.g.l. |
|-----------------------------------|---------|---------|------|-------|--------|---------------------|--------------------|--------------------|----------------------------|
| | | | [m] | [m] | [m] | [m] | [°] | | [m] |
| Zemgales iela 38 | 619,030 | 404,728 | 61.8 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zemgales iela 4 | 619,442 | 404,419 | 55.6 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zemgales iela 40 | 619,022 | 404,747 | 61.4 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zemgales iela 56 | 618,943 | 404,928 | 61.8 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zemgales iela 56A | 618,920 | 404,977 | 62.6 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zemgales iela 58 | 618,894 | 405,029 | 63.6 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zemgales iela 6 | 619,395 | 404,413 | 57.9 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zemgales iela 60 | 618,883 | 405,051 | 63.3 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zemgales iela 6A | 619,413 | 404,403 | 57.2 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zemgales iela 7 | 619,360 | 404,401 | 59.0 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zemgales iela 8 | 619,373 | 404,423 | 57.9 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zemgali | 622,337 | 401,230 | 73.0 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zemites | 621,584 | 402,331 | 78.4 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zveru ferma | 622,203 | 400,435 | 71.6 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zile - 1 | 621,843 | 397,439 | 59.2 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zile 3 | 621,807 | 397,375 | 57.4 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zile 4 | 621,812 | 397,423 | 58.9 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Zitari | 616,131 | 402,136 | 65.9 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Ares | 622,702 | 401,570 | 75.8 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Corzemnieki | 618,797 | 404,752 | 65.4 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Gerki | 617,210 | 401,440 | 64.0 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Kirš i | 622,112 | 402,250 | 75.6 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |
| Ž uldini 2 km dzivojama maja Nr.1 | 620,333 | 404,360 | 58.9 | 1.0 | 1.0 | 1.0 | 90.0 | "Green house mode" | 2.0 |

Calculation Results

Shadow receptor

| No. | Shadow, worst case | | | Shadow, expected values | |
|------------------|--------------------------------------|--|--|--------------------------------------|--|
| | Shadow hours per year [h/year] | Shadow days per year [days/year] | Max shadow hours per day [h/day] | Shadow hours per year [h/year] | |
| Astras | 0:00 | 0 | 0:00 | 0:00 | |
| Ausekli | 20:51 | 90 | 0:21 | 7:23 | |
| Avoti | 10:28 | 49 | 0:19 | 2:35 | |
| Bajari | 41:44 | 150 | 0:41 | 7:02 | |
| Blaumana iela 2 | 0:00 | 0 | 0:00 | 0:00 | |
| Blaumana iela 2A | 0:00 | 0 | 0:00 | 0:00 | |
| Brandini | 0:00 | 0 | 0:00 | 0:00 | |
| Cimzes iela 1 | 0:00 | 0 | 0:00 | 0:00 | |
| Cimzes iela 10 | 0:00 | 0 | 0:00 | 0:00 | |
| Cimzes iela 11 | 0:00 | 0 | 0:00 | 0:00 | |
| Cimzes iela 12 | 0:00 | 0 | 0:00 | 0:00 | |
| Cimzes iela 14 | 0:00 | 0 | 0:00 | 0:00 | |
| Cimzes iela 16 | 0:00 | 0 | 0:00 | 0:00 | |
| Cimzes iela 18 | 0:00 | 0 | 0:00 | 0:00 | |
| Cimzes iela 19 | 0:00 | 0 | 0:00 | 0:00 | |
| Cimzes iela 1A | 0:00 | 0 | 0:00 | 0:00 | |
| Cimzes iela 2 | 0:00 | 0 | 0:00 | 0:00 | |
| Cimzes iela 20 | 0:00 | 0 | 0:00 | 0:00 | |
| Cimzes iela 21 | 0:00 | 0 | 0:00 | 0:00 | |
| Cimzes iela 21A | 0:00 | 0 | 0:00 | 0:00 | |
| Cimzes iela 22 | 0:00 | 0 | 0:00 | 0:00 | |
| Cimzes iela 23 | 0:00 | 0 | 0:00 | 0:00 | |
| Cimzes iela 24 | 0:00 | 0 | 0:00 | 0:00 | |
| Cimzes iela 25 | 0:00 | 0 | 0:00 | 0:00 | |
| Cimzes iela 26 | 0:00 | 0 | 0:00 | 0:00 | |
| Cimzes iela 27 | 0:00 | 0 | 0:00 | 0:00 | |
| Cimzes iela 28 | 0:13 | 5 | 0:03 | 0:00 | |
| Cimzes iela 29 | 0:00 | 0 | 0:00 | 0:00 | |
| Cimzes iela 3 | 0:00 | 0 | 0:00 | 0:00 | |
| Cimzes iela 30 | 0:00 | 0 | 0:00 | 0:00 | |
| Cimzes iela 5 | 0:00 | 0 | 0:00 | 0:00 | |
| Cimzes iela 7 | 0:00 | 0 | 0:00 | 0:00 | |
| Cimzes iela 7a | 0:00 | 0 | 0:00 | 0:00 | |

To be continued on next page...

SHADOW - Main Result

Calculation: Flickering_Valka_Siemens_Gamesa

...continued from previous page

| No. | Shadow, worst case | | Shadow, expected values | |
|--------------------------------|--------------------------------------|--|--|--------------------------------------|
| | Shadow hours per year [h/year] | Shadow days per year [days/year] | Max shadow hours per day [h/day] | Shadow hours per year [h/year] |
| Cimzes iela 9 | 0:00 | 0 | 0:00 | 0:00 |
| Dravas | 46:13 | 142 | 0:40 | 7:01 |
| Dzelzceļš 162. km | 122:50 | 192 | 1:00 | 60:38 |
| Dzeni | 36:03 | 135 | 0:38 | 6:22 |
| Darza iela 1 | 0:00 | 0 | 0:00 | 0:00 |
| Darza iela 10 | 0:00 | 0 | 0:00 | 0:00 |
| Darza iela 11 (94010030201001) | 0:00 | 0 | 0:00 | 0:00 |
| Darza iela 11 (94010030201005) | 0:00 | 0 | 0:00 | 0:00 |
| Darza iela 12 | 0:00 | 0 | 0:00 | 0:00 |
| Darza iela 13 | 0:00 | 0 | 0:00 | 0:00 |
| Darza iela 14 | 0:00 | 0 | 0:00 | 0:00 |
| Darza iela 15 | 0:00 | 0 | 0:00 | 0:00 |
| Darza iela 16 | 0:00 | 0 | 0:00 | 0:00 |
| Darza iela 17 | 0:00 | 0 | 0:00 | 0:00 |
| Darza iela 18 | 0:00 | 0 | 0:00 | 0:00 |
| Darza iela 18A | 0:00 | 0 | 0:00 | 0:00 |
| Darza iela 19 | 0:00 | 0 | 0:00 | 0:00 |
| Darza iela 20 | 0:00 | 0 | 0:00 | 0:00 |
| Darza iela 20A | 0:00 | 0 | 0:00 | 0:00 |
| Darza iela 22 | 0:00 | 0 | 0:00 | 0:00 |
| Darza iela 3 | 0:00 | 0 | 0:00 | 0:00 |
| Darza iela 4 | 0:00 | 0 | 0:00 | 0:00 |
| Darza iela 5 | 0:00 | 0 | 0:00 | 0:00 |
| Darza iela 6 | 0:00 | 0 | 0:00 | 0:00 |
| Darza iela 7 | 0:00 | 0 | 0:00 | 0:00 |
| Darza iela 8 | 0:00 | 0 | 0:00 | 0:00 |
| Darza iela 9 | 0:00 | 0 | 0:00 | 0:00 |
| Dumini | 144:42 | 232 | 1:04 | 36:42 |
| Gailenes | 48:51 | 91 | 0:49 | 4:04 |
| Gaisini | 35:55 | 134 | 0:29 | 4:55 |
| Gaujas iela 11 | 0:00 | 0 | 0:00 | 0:00 |
| Gravas | 45:33 | 142 | 0:39 | 6:58 |
| Indranu iela 5 | 13:09 | 62 | 0:20 | 1:06 |
| Indranu iela 5 | 12:13 | 60 | 0:20 | 1:01 |
| Indranu iela 8 | 9:58 | 45 | 0:20 | 0:54 |
| Jasmini | 0:00 | 0 | 0:00 | 0:00 |
| Jaunpaukas | 0:00 | 0 | 0:00 | 0:00 |
| Jauntilgali | 53:34 | 90 | 0:51 | 4:28 |
| Jaunzemes | 32:28 | 113 | 0:33 | 5:13 |
| Jaunziles | 0:00 | 0 | 0:00 | 0:00 |
| Jauna iela 1 | 0:00 | 0 | 0:00 | 0:00 |
| Jauna iela 3 | 0:00 | 0 | 0:00 | 0:00 |
| Jauna iela 4 | 0:00 | 0 | 0:00 | 0:00 |
| Jauna iela 4A | 0:00 | 0 | 0:00 | 0:00 |
| Jauna iela 5 | 0:00 | 0 | 0:00 | 0:00 |
| Jauna iela 6 | 0:00 | 0 | 0:00 | 0:00 |
| Jauna iela 7 | 0:00 | 0 | 0:00 | 0:00 |
| Kalngulbji | 4:46 | 24 | 0:18 | 2:12 |
| Kalnieš i | 3:00 | 18 | 0:16 | 1:01 |
| Kalnaldoti | 37:30 | 145 | 0:26 | 6:23 |
| Kalngerki | 96:40 | 188 | 1:01 | 32:39 |
| Kastanas | 35:11 | 144 | 0:37 | 5:56 |
| Kristali | 38:04 | 141 | 0:38 | 6:14 |
| Kurmiš i | 0:00 | 0 | 0:00 | 0:00 |
| Karla Skalbes iela 10 | 0:00 | 0 | 0:00 | 0:00 |
| Karla Skalbes iela 11 | 0:00 | 0 | 0:00 | 0:00 |
| Karla Skalbes iela 15 | 0:00 | 0 | 0:00 | 0:00 |
| Karla Skalbes iela 17 | 0:00 | 0 | 0:00 | 0:00 |
| Karla Skalbes iela 19 | 0:00 | 0 | 0:00 | 0:00 |
| Lati | 11:23 | 52 | 0:20 | 2:36 |
| Latini | 43:50 | 142 | 0:38 | 6:46 |
| Lauku iela 2 | 0:00 | 0 | 0:00 | 0:00 |
| Ledini | 0:00 | 0 | 0:00 | 0:00 |

To be continued on next page...

SHADOW - Main Result

Calculation: Flickering_Valka_Siemens_Gamesa

...continued from previous page

| No. | Shadow, worst case | | Max shadow hours per day | Shadow, expected values | |
|----------------------------------|--------------------------------------|--|-----------------------------|--------------------------------------|--|
| | Shadow hours per year [h/year] | Shadow days per year [days/year] | | Shadow hours per year [h/year] | |
| Lejas Gerki | 133:07 | 215 | 1:05 | 64:08 | |
| Lejasstaldoti | 4:35 | 24 | 0:17 | 0:32 | |
| Liepas | 0:00 | 0 | 0:00 | 0:00 | |
| Liepkalni | 266:45 | 271 | 2:03 | 108:31 | |
| Lukstini (94880090014001) | 60:11 | 178 | 0:34 | 15:17 | |
| Lukstini (94880090014002) | 67:46 | 195 | 0:35 | 15:49 | |
| Liksnas | 10:20 | 48 | 0:19 | 2:39 | |
| Livas | 13:17 | 56 | 0:21 | 2:53 | |
| Mazdzintari | 6:56 | 39 | 0:17 | 2:23 | |
| Medini | 12:12 | 53 | 0:21 | 2:56 | |
| Merkela iela 10 (94010010901001) | 0:00 | 0 | 0:00 | 0:00 | |
| Merkela iela 10 (94010010901002) | 0:00 | 0 | 0:00 | 0:00 | |
| Merkela iela 12 | 0:00 | 0 | 0:00 | 0:00 | |
| Merkela iela 13 | 0:00 | 0 | 0:00 | 0:00 | |
| Merkela iela 13A | 0:00 | 0 | 0:00 | 0:00 | |
| Merkela iela 14 | 0:00 | 0 | 0:00 | 0:00 | |
| Merkela iela 15 | 0:00 | 0 | 0:00 | 0:00 | |
| Merkela iela 16 | 0:00 | 0 | 0:00 | 0:00 | |
| Merkela iela 16A | 0:00 | 0 | 0:00 | 0:00 | |
| Merkela iela 17 | 0:00 | 0 | 0:00 | 0:00 | |
| Merkela iela 18 | 0:00 | 0 | 0:00 | 0:00 | |
| Merkela iela 19 | 0:00 | 0 | 0:00 | 0:00 | |
| Merkela iela 20 | 0:00 | 0 | 0:00 | 0:00 | |
| Merkela iela 21 | 0:00 | 0 | 0:00 | 0:00 | |
| Merkela iela 23 | 0:00 | 0 | 0:00 | 0:00 | |
| Mež males | 0:00 | 0 | 0:00 | 0:00 | |
| Mež vini 1 | 11:02 | 49 | 0:20 | 2:56 | |
| Mež vini 2 | 10:53 | 49 | 0:20 | 2:53 | |
| Mež ares | 0:00 | 0 | 0:00 | 0:00 | |
| Miera iela 2 | 0:00 | 0 | 0:00 | 0:00 | |
| Miera iela 5 | 0:00 | 0 | 0:00 | 0:00 | |
| Miera iela 7 | 0:00 | 0 | 0:00 | 0:00 | |
| Muzeja iela 1 | 0:00 | 0 | 0:00 | 0:00 | |
| Muzeja iela 10 | 0:00 | 0 | 0:00 | 0:00 | |
| Muzeja iela 3 | 0:00 | 0 | 0:00 | 0:00 | |
| Muzeja iela 5 | 0:00 | 0 | 0:00 | 0:00 | |
| Muzeja iela 6 | 0:00 | 0 | 0:00 | 0:00 | |
| Muzeja iela 7 | 0:00 | 0 | 0:00 | 0:00 | |
| Muzeja iela 8 | 0:00 | 0 | 0:00 | 0:00 | |
| Muzeja iela 9 | 0:00 | 0 | 0:00 | 0:00 | |
| Maja 13 | 15:54 | 80 | 0:20 | 3:38 | |
| Maja 14 | 13:44 | 71 | 0:19 | 3:31 | |
| Maja 16 | 15:16 | 76 | 0:20 | 3:49 | |
| Maja 2 | 10:42 | 59 | 0:18 | 3:17 | |
| Maja 20 (94880100118001) | 16:41 | 80 | 0:20 | 3:58 | |
| Maja 20 (94880100123001) | 28:07 | 111 | 0:32 | 7:41 | |
| Maja 22 | 18:01 | 86 | 0:21 | 4:12 | |
| Maja 3 | 6:21 | 37 | 0:17 | 2:24 | |
| Maja 4 | 11:02 | 61 | 0:18 | 3:18 | |
| Maja 5 | 9:50 | 57 | 0:17 | 2:56 | |
| Maja 6 | 11:24 | 61 | 0:19 | 3:21 | |
| Maja 7 | 10:21 | 59 | 0:17 | 2:59 | |
| Maja 8 | 11:53 | 65 | 0:19 | 3:22 | |
| Maja 9 | 11:11 | 64 | 0:18 | 3:00 | |
| Malkalni | 12:56 | 54 | 0:21 | 2:46 | |
| Marstalu iela 6 | 0:00 | 0 | 0:00 | 0:00 | |
| Naglinas | 0:00 | 0 | 0:00 | 0:00 | |
| Niedras | 11:47 | 51 | 0:21 | 2:53 | |
| Noras | 49:58 | 149 | 0:45 | 8:07 | |
| Ozolkalni | 38:52 | 151 | 0:23 | 6:57 | |
| Oš i | 40:41 | 139 | 0:35 | 6:05 | |
| Pakalnini | 10:00 | 48 | 0:19 | 2:32 | |
| Pastsili | 8:49 | 44 | 0:18 | 3:55 | |

To be continued on next page...

SHADOW - Main Result

Calculation: Flickering_Valka_Siemens_Gamesa

...continued from previous page

| No. | Shadow, worst case | | Shadow, expected values | |
|---------------------------------|--------------------------------------|--|--|--------------------------------------|
| | Shadow hours per year [h/year] | Shadow days per year [days/year] | Max shadow hours per day [h/day] | Shadow hours per year [h/year] |
| Pilenieš i | 149:15 | 109 | 2:08 | 13:30 |
| Planci | 0:00 | 0 | 0:00 | 0:00 |
| Plumes | 12:37 | 55 | 0:21 | 2:53 |
| Plumites | 9:28 | 46 | 0:18 | 1:54 |
| Poruka iela 13 | 0:00 | 0 | 0:00 | 0:00 |
| Poruka iela 15 | 0:00 | 0 | 0:00 | 0:00 |
| Poruka iela 17 | 0:00 | 0 | 0:00 | 0:00 |
| Poruka iela 19 (94010010924001) | 0:00 | 0 | 0:00 | 0:00 |
| Poruka iela 19 (94010010924003) | 0:00 | 0 | 0:00 | 0:00 |
| Poruka iela 21 | 0:00 | 0 | 0:00 | 0:00 |
| Poruka iela 21A | 0:00 | 0 | 0:00 | 0:00 |
| Poruka iela 21B | 0:00 | 0 | 0:00 | 0:00 |
| Poruka iela 23 | 0:00 | 0 | 0:00 | 0:00 |
| Poruka iela 23A | 0:00 | 0 | 0:00 | 0:00 |
| Priedulaji | 0:00 | 0 | 0:00 | 0:00 |
| Pumpura iela 10A | 0:00 | 0 | 0:00 | 0:00 |
| Purva iela 5 | 0:00 | 0 | 0:00 | 0:00 |
| Purva iela 7 | 0:00 | 0 | 0:00 | 0:00 |
| Purva iela 9 | 0:00 | 0 | 0:00 | 0:00 |
| Pinas | 30:41 | 120 | 0:33 | 4:19 |
| Raina iela 37 | 0:00 | 0 | 0:00 | 0:00 |
| Raina iela 41 | 0:00 | 0 | 0:00 | 0:00 |
| Raina iela 51 | 0:00 | 0 | 0:00 | 0:00 |
| Raina iela 53 | 0:00 | 0 | 0:00 | 0:00 |
| Raina iela 55 | 0:00 | 0 | 0:00 | 0:00 |
| Raina iela 57 | 0:00 | 0 | 0:00 | 0:00 |
| Raina iela 58 | 0:00 | 0 | 0:00 | 0:00 |
| Raina iela 59 | 0:00 | 0 | 0:00 | 0:00 |
| Raina iela 60 | 0:00 | 0 | 0:00 | 0:00 |
| Raina iela 61 | 0:00 | 0 | 0:00 | 0:00 |
| Raina iela 62 | 0:00 | 0 | 0:00 | 0:00 |
| Raina iela 64 | 0:00 | 0 | 0:00 | 0:00 |
| Raina iela 66 | 0:00 | 0 | 0:00 | 0:00 |
| Raina iela 72 | 0:00 | 0 | 0:00 | 0:00 |
| Raina iela 74 | 0:00 | 0 | 0:00 | 0:00 |
| Raina iela 76 | 0:00 | 0 | 0:00 | 0:00 |
| Raina iela 78 | 0:00 | 0 | 0:00 | 0:00 |
| Raina iela 78A | 0:00 | 0 | 0:00 | 0:00 |
| Raina iela 80 | 0:00 | 0 | 0:00 | 0:00 |
| Raina iela 82 | 0:00 | 0 | 0:00 | 0:00 |
| Raina iela 84 | 0:00 | 0 | 0:00 | 0:00 |
| Riekstini | 30:34 | 116 | 0:37 | 4:42 |
| Ritas | 42:14 | 141 | 0:38 | 6:40 |
| Rozes | 0:00 | 0 | 0:00 | 0:00 |
| Rubeni | 47:13 | 156 | 0:31 | 17:42 |
| Rudziš i | 10:57 | 50 | 0:20 | 2:45 |
| Rigas iela 29 (94010010711001) | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 29 (94010010711002) | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 31A | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 31B | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 33 (94010010712001) | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 33 (94010010712002) | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 35 | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 35A | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 35B | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 38 (94010010805002) | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 40 | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 41 (94010020105001) | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 41 (94010020105003) | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 42 | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 44 | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 45 | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 45A | 0:00 | 0 | 0:00 | 0:00 |

To be continued on next page...

SHADOW - Main Result

Calculation: Flickering_Valka_Siemens_Gamesa

...continued from previous page

| No. | Shadow, worst case | | Shadow, expected values | |
|-----------------------------------|--------------------------------------|--|--|--------------------------------------|
| | Shadow hours per year [h/year] | Shadow days per year [days/year] | Max shadow hours per day [h/day] | Shadow hours per year [h/year] |
| Rigas iela 46 (94010010811001) | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 46 (94010010811002) | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 47 | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 48 | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 49 | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 50 | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 50A | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 51 | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 52 | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 53 | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 54 | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 55 | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 56 | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 57 | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 58 | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 59 | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 60 | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 61 | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 62 | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 62A | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 63 | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 64 (94010040147001) | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 64 (94010040147003) | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 65 | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 67 | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 68 | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 69 | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 70 | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 71 | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 72 | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 73 | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 74 | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 75 | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 76 | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 78 | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 80 | 20:14 | 58 | 0:24 | 1:34 |
| Rigas iela 82 | 0:00 | 0 | 0:00 | 0:00 |
| Rigas iela 90 | 0:00 | 0 | 0:00 | 0:00 |
| Rukiš i | 12:30 | 64 | 0:19 | 3:03 |
| Saulieš i | 29:11 | 141 | 0:22 | 5:22 |
| Saulites | 25:05 | 92 | 0:23 | 2:53 |
| Sedaskalni (94880100120001) | 12:44 | 68 | 0:19 | 3:14 |
| Sedaskalni (94880100255001) | 59:37 | 123 | 0:50 | 7:29 |
| Sermuli | 0:00 | 0 | 0:00 | 0:00 |
| Sietini | 45:20 | 143 | 0:39 | 6:54 |
| Silkalni | 0:00 | 0 | 0:00 | 0:00 |
| Staldoti | 35:28 | 138 | 0:23 | 5:51 |
| Sviestini | 10:37 | 49 | 0:19 | 2:37 |
| Seli 10 | 12:20 | 64 | 0:19 | 3:21 |
| Seli 12 | 12:48 | 66 | 0:19 | 3:20 |
| Seli Maja 18 | 15:58 | 79 | 0:20 | 3:54 |
| Sili | 0:00 | 0 | 0:00 | 0:00 |
| Talgas | 11:26 | 52 | 0:20 | 2:56 |
| Valdekas | 0:00 | 0 | 0:00 | 0:00 |
| Valdemara iela 11 | 0:00 | 0 | 0:00 | 0:00 |
| Valdemara iela 13 | 0:00 | 0 | 0:00 | 0:00 |
| Valdemara iela 13A | 0:00 | 0 | 0:00 | 0:00 |
| Valdemara iela 1A | 0:00 | 0 | 0:00 | 0:00 |
| Valdemara iela 3 | 0:00 | 0 | 0:00 | 0:00 |
| Valdemara iela 5 | 0:00 | 0 | 0:00 | 0:00 |
| Valdemara iela 7 (94010040129001) | 0:00 | 0 | 0:00 | 0:00 |
| Valdemara iela 7 (94010040129004) | 0:00 | 0 | 0:00 | 0:00 |
| Valdemara iela 9 | 0:00 | 0 | 0:00 | 0:00 |

To be continued on next page...

SHADOW - Main Result

Calculation: Flickering_Valka_Siemens_Gamesa

...continued from previous page

| No. | Shadow, worst case | | Shadow, expected values | |
|-------------------|--------------------------------------|--|--|--------------------------------------|
| | Shadow hours per year [h/year] | Shadow days per year [days/year] | Max shadow hours per day [h/day] | Shadow hours per year [h/year] |
| Valmieras iela 11 | 0:00 | 0 | 0:00 | 0:00 |
| Valmieras iela 3 | 0:00 | 0 | 0:00 | 0:00 |
| Valmieras iela 5 | 0:00 | 0 | 0:00 | 0:00 |
| Valmieras iela 7 | 0:00 | 0 | 0:00 | 0:00 |
| Valmieras iela 7A | 0:00 | 0 | 0:00 | 0:00 |
| Valmieras iela 9 | 0:00 | 0 | 0:00 | 0:00 |
| Vanagi | 32:35 | 107 | 0:29 | 3:43 |
| Vecrubeni | 49:50 | 160 | 0:32 | 18:20 |
| Veikals Seli | 14:29 | 74 | 0:20 | 3:34 |
| Vetaptieka | 8:11 | 42 | 0:18 | 2:40 |
| Vidini | 38:33 | 141 | 0:38 | 6:49 |
| Vienibas gatve 6 | 0:00 | 0 | 0:00 | 0:00 |
| Vienibas gatve 7 | 0:00 | 0 | 0:00 | 0:00 |
| Veverzemnieki | 112:25 | 244 | 0:43 | 50:53 |
| Vež i | 0:00 | 0 | 0:00 | 0:00 |
| Vež ukrogs | 8:31 | 42 | 0:18 | 2:50 |
| Viteni | 47:27 | 149 | 0:42 | 7:44 |
| Zala iela 1 | 0:00 | 0 | 0:00 | 0:00 |
| Zala iela 10 | 0:00 | 0 | 0:00 | 0:00 |
| Zala iela 12 | 0:00 | 0 | 0:00 | 0:00 |
| Zala iela 14 | 0:00 | 0 | 0:00 | 0:00 |
| Zala iela 16 | 0:00 | 0 | 0:00 | 0:00 |
| Zala iela 1B | 0:00 | 0 | 0:00 | 0:00 |
| Zala iela 3A | 0:00 | 0 | 0:00 | 0:00 |
| Zala iela 3B | 0:00 | 0 | 0:00 | 0:00 |
| Zala iela 5 | 0:00 | 0 | 0:00 | 0:00 |
| Zala iela 7 | 0:00 | 0 | 0:00 | 0:00 |
| Zala iela 8 | 0:00 | 0 | 0:00 | 0:00 |
| Zeltini | 39:50 | 142 | 0:37 | 6:25 |
| Zemdegas | 45:57 | 143 | 0:39 | 6:59 |
| Zemgales iela 11 | 0:00 | 0 | 0:00 | 0:00 |
| Zemgales iela 12 | 0:00 | 0 | 0:00 | 0:00 |
| Zemgales iela 13 | 0:00 | 0 | 0:00 | 0:00 |
| Zemgales iela 13A | 0:00 | 0 | 0:00 | 0:00 |
| Zemgales iela 14 | 0:00 | 0 | 0:00 | 0:00 |
| Zemgales iela 15 | 0:00 | 0 | 0:00 | 0:00 |
| Zemgales iela 16 | 0:00 | 0 | 0:00 | 0:00 |
| Zemgales iela 17 | 0:00 | 0 | 0:00 | 0:00 |
| Zemgales iela 17A | 0:00 | 0 | 0:00 | 0:00 |
| Zemgales iela 18 | 0:00 | 0 | 0:00 | 0:00 |
| Zemgales iela 19 | 0:00 | 0 | 0:00 | 0:00 |
| Zemgales iela 19A | 0:00 | 0 | 0:00 | 0:00 |
| Zemgales iela 20 | 0:00 | 0 | 0:00 | 0:00 |
| Zemgales iela 22 | 0:00 | 0 | 0:00 | 0:00 |
| Zemgales iela 24 | 0:00 | 0 | 0:00 | 0:00 |
| Zemgales iela 28 | 0:00 | 0 | 0:00 | 0:00 |
| Zemgales iela 3 | 0:00 | 0 | 0:00 | 0:00 |
| Zemgales iela 30 | 0:00 | 0 | 0:00 | 0:00 |
| Zemgales iela 31 | 0:00 | 0 | 0:00 | 0:00 |
| Zemgales iela 34 | 0:00 | 0 | 0:00 | 0:00 |
| Zemgales iela 36 | 0:00 | 0 | 0:00 | 0:00 |
| Zemgales iela 38 | 0:00 | 0 | 0:00 | 0:00 |
| Zemgales iela 4 | 0:00 | 0 | 0:00 | 0:00 |
| Zemgales iela 40 | 0:00 | 0 | 0:00 | 0:00 |
| Zemgales iela 56 | 0:00 | 0 | 0:00 | 0:00 |
| Zemgales iela 56A | 0:00 | 0 | 0:00 | 0:00 |
| Zemgales iela 58 | 0:00 | 0 | 0:00 | 0:00 |
| Zemgales iela 6 | 0:00 | 0 | 0:00 | 0:00 |
| Zemgales iela 60 | 0:00 | 0 | 0:00 | 0:00 |
| Zemgales iela 6A | 0:00 | 0 | 0:00 | 0:00 |
| Zemgales iela 7 | 0:00 | 0 | 0:00 | 0:00 |
| Zemgales iela 8 | 0:00 | 0 | 0:00 | 0:00 |
| Zemgali | 23:02 | 102 | 0:24 | 8:23 |

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Project:

Flickering_Valka_Siemens_Gamesa

Licensed user:

SIA Estonian, Latvian & Lithuanian environment

Vilandes 3-6

LV-1010 Riga

0037167242411

Baiba / baiba.ozolina@environment.lv

Calculated:

15/01/2026 18:42/4.1.254

SHADOW - Main Result

Calculation: Flickering_Valka_Siemens_Gamesa

...continued from previous page

| No. | Shadow, worst case | | | Shadow, expected values | |
|-----------------------------------|--------------------------------------|--|--|--------------------------------------|--|
| | Shadow hours per year [h/year] | Shadow days per year [days/year] | Max shadow hours per day [h/day] | Shadow hours per year [h/year] | |
| Zemites | 40:52 | 151 | 0:40 | 7:04 | |
| Zveru ferma | 40:49 | 156 | 0:27 | 19:16 | |
| Zile - 1 | 0:00 | 0 | 0:00 | 0:00 | |
| Zile 3 | 0:00 | 0 | 0:00 | 0:00 | |
| Zile 4 | 0:00 | 0 | 0:00 | 0:00 | |
| Zitari | 12:54 | 67 | 0:18 | 3:04 | |
| Ares | 10:05 | 58 | 0:18 | 3:17 | |
| Corzemnieki | 0:00 | 0 | 0:00 | 0:00 | |
| Gerki | 104:02 | 196 | 1:04 | 35:39 | |
| Kirš i | 12:24 | 52 | 0:21 | 2:55 | |
| Ž uldini 2 km dzivojama maja Nr.1 | 0:00 | 0 | 0:00 | 0:00 | |

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

| No. | Name | | Worst case [h/year] | Expected [h/year] |
|-----|---|--|------------------------|----------------------|
| 1 | Siemens Gamesa SG 7.0-170 7000 170.0 !O! hub: 165.0 m (TOT: 250.0 m) (37) | | 171:30 | 42:12 |
| 2 | Siemens Gamesa SG 7.0-170 7000 170.0 !O! hub: 165.0 m (TOT: 250.0 m) (36) | | 167:56 | 57:55 |
| 3 | Siemens Gamesa SG 7.0-170 7000 170.0 !O! hub: 165.0 m (TOT: 250.0 m) (33) | | 98:12 | 20:29 |
| 4 | Siemens Gamesa SG 7.0-170 7000 170.0 !O! hub: 165.0 m (TOT: 250.0 m) (41) | | 189:47 | 50:59 |
| 5 | Siemens Gamesa SG 7.0-170 7000 170.0 !O! hub: 165.0 m (TOT: 250.0 m) (31) | | 183:27 | 48:31 |
| 6 | Siemens Gamesa SG 7.0-170 7000 170.0 !O! hub: 165.0 m (TOT: 250.0 m) (29) | | 199:26 | 69:28 |
| 7 | Siemens Gamesa SG 7.0-170 7000 170.0 !O! hub: 165.0 m (TOT: 250.0 m) (40) | | 311:37 | 94:35 |
| 8 | Siemens Gamesa SG 7.0-170 7000 170.0 !O! hub: 165.0 m (TOT: 250.0 m) (38) | | 110:39 | 38:01 |
| 9 | Siemens Gamesa SG 7.0-170 7000 170.0 !O! hub: 165.0 m (TOT: 250.0 m) (30) | | 105:20 | 36:32 |
| 10 | Siemens Gamesa SG 7.0-170 7000 170.0 !O! hub: 165.0 m (TOT: 250.0 m) (32) | | 30:52 | 11:45 |
| 11 | Siemens Gamesa SG 7.0-170 7000 170.0 !O! hub: 165.0 m (TOT: 250.0 m) (39) | | 84:57 | 20:42 |
| 12 | Siemens Gamesa SG 7.0-170 7000 170.0 !O! hub: 165.0 m (TOT: 250.0 m) (42) | | 71:43 | 16:19 |
| 13 | Siemens Gamesa SG 7.0-170 7000 170.0 !O! hub: 165.0 m (TOT: 250.0 m) (34) | | 27:24 | 8:14 |
| 14 | Siemens Gamesa SG 7.0-170 7000 170.0 !O! hub: 165.0 m (TOT: 250.0 m) (35) | | 62:58 | 15:56 |

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.