

Project:

ZFT E alternativa Mezares

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SIA Estonian, Latvian &amp; Lithuanian environment

Vilandes 3-6

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Calculated:

16/07/2024 7:54 pm/4.0.540

## DECIBEL - Main Result

Calculation: Nordex N175-6.8 MW STE E alternativa 160724

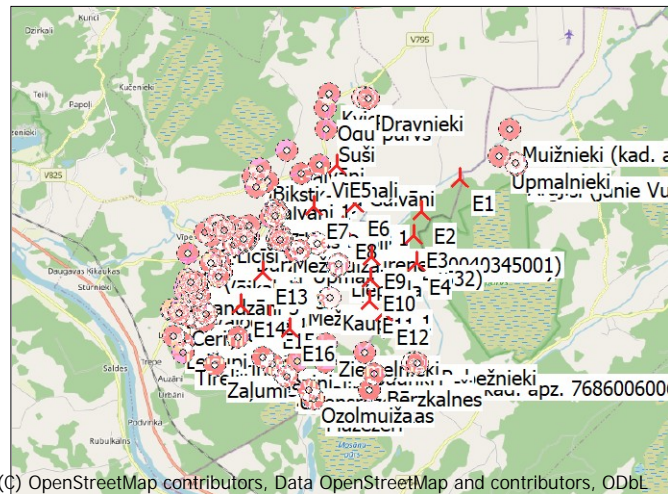
Noise calculation model:

Danish low frequency 2019

The calculation is based on "BEK nr 135 af 07/02/2019" from the Danish Environmental Agency.

All coordinates are in

Latvian TM LKS92-LKS92 (LV)



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Scale 1:200,000

New WTG

Noise sensitive area

## WTGs

|     | Y       | X       | Z    | Row data/Description       | WTG type |           |                | Power, rated | Rotor diameter | Hub height | Noise data |                        | First wind speed [m/s] | LwaRef [dB(A)] | Last wind speed [m/s] | LwaRef [dB(A)] |
|-----|---------|---------|------|----------------------------|----------|-----------|----------------|--------------|----------------|------------|------------|------------------------|------------------------|----------------|-----------------------|----------------|
|     |         |         |      |                            | Valid    | Manufact. | Type-generator |              |                |            | Creator    | Name                   |                        |                |                       |                |
|     |         |         | [m]  |                            |          |           |                | [kW]         | [m]            | [m]        |            |                        |                        |                |                       |                |
| E1  | 636,123 | 261,795 | 87.8 | NORDEX N175/6.X 6800 17... | Yes      | NORDEX    | N175/6.X-6,800 | 6,800        | 175.0          | 179.0      | USER       | Nordex N175-6.8 MW STE | 6.0                    | 97.4 f         | 8.0                   | 97.4 f         |
| E10 | 633,842 | 259,069 | 87.4 | NORDEX N175/6.X 6800 17... | Yes      | NORDEX    | N175/6.X-6,800 | 6,800        | 175.0          | 179.0      | USER       | Nordex N175-6.8 MW STE | 6.0                    | 97.4 f         | 8.0                   | 97.4 f         |
| E11 | 633,843 | 258,516 | 88.5 | NORDEX N175/6.X 6800 17... | Yes      | NORDEX    | N175/6.X-6,800 | 6,800        | 175.0          | 179.0      | USER       | Nordex N175-6.8 MW STE | 6.0                    | 97.4 f         | 8.0                   | 97.4 f         |
| E12 | 634,228 | 258,195 | 88.7 | NORDEX N175/6.X 6800 17... | Yes      | NORDEX    | N175/6.X-6,800 | 6,800        | 175.0          | 179.0      | USER       | Nordex N175-6.8 MW STE | 6.0                    | 97.4 f         | 8.0                   | 97.4 f         |
| E13 | 630,970 | 259,180 | 89.2 | NORDEX N175/6.X 6800 17... | Yes      | NORDEX    | N175/6.X-6,800 | 6,800        | 175.0          | 179.0      | USER       | Nordex N175-6.8 MW STE | 6.0                    | 97.4 f         | 8.0                   | 97.4 f         |
| E14 | 630,437 | 258,298 | 89.2 | NORDEX N175/6.X 6800 17... | Yes      | NORDEX    | N175/6.X-6,800 | 6,800        | 175.0          | 179.0      | USER       | Nordex N175-6.8 MW STE | 6.0                    | 97.4 f         | 8.0                   | 97.4 f         |
| E15 | 631,207 | 258,006 | 89.7 | NORDEX N175/6.X 6800 17... | Yes      | NORDEX    | N175/6.X-6,800 | 6,800        | 175.0          | 179.0      | USER       | Nordex N175-6.8 MW STE | 6.0                    | 97.4 f         | 8.0                   | 97.4 f         |
| E16 | 631,752 | 257,686 | 89.3 | NORDEX N175/6.X 6800 17... | Yes      | NORDEX    | N175/6.X-6,800 | 6,800        | 175.0          | 179.0      | USER       | Nordex N175-6.8 MW STE | 6.0                    | 97.4 f         | 8.0                   | 97.4 f         |
| E2  | 635,130 | 260,895 | 87.2 | NORDEX N175/6.X 6800 17... | Yes      | NORDEX    | N175/6.X-6,800 | 6,800        | 175.0          | 179.0      | USER       | Nordex N175-6.8 MW STE | 6.0                    | 97.4 f         | 8.0                   | 97.4 f         |
| E3  | 634,956 | 260,253 | 88.2 | NORDEX N175/6.X 6800 17... | Yes      | NORDEX    | N175/6.X-6,800 | 6,800        | 175.0          | 179.0      | USER       | Nordex N175-6.8 MW STE | 6.0                    | 97.4 f         | 8.0                   | 97.4 f         |
| E4  | 635,043 | 259,570 | 86.9 | NORDEX N175/6.X 6800 17... | Yes      | NORDEX    | N175/6.X-6,800 | 6,800        | 175.0          | 179.0      | USER       | Nordex N175-6.8 MW STE | 6.0                    | 97.4 f         | 8.0                   | 97.4 f         |
| E5  | 632,850 | 262,038 | 88.3 | NORDEX N175/6.X 6800 17... | Yes      | NORDEX    | N175/6.X-6,800 | 6,800        | 175.0          | 179.0      | USER       | Nordex N175-6.8 MW STE | 6.0                    | 97.4 f         | 8.0                   | 97.4 f         |
| E6  | 633,382 | 261,050 | 86.8 | NORDEX N175/6.X 6800 17... | Yes      | NORDEX    | N175/6.X-6,800 | 6,800        | 175.0          | 179.0      | USER       | Nordex N175-6.8 MW STE | 6.0                    | 97.4 f         | 8.0                   | 97.4 f         |
| E7  | 632,277 | 260,924 | 86.6 | NORDEX N175/6.X 6800 17... | Yes      | NORDEX    | N175/6.X-6,800 | 6,800        | 175.0          | 179.0      | USER       | Nordex N175-6.8 MW STE | 6.0                    | 97.4 f         | 8.0                   | 97.4 f         |
| E8  | 633,072 | 260,433 | 86.4 | NORDEX N175/6.X 6800 17... | Yes      | NORDEX    | N175/6.X-6,800 | 6,800        | 175.0          | 179.0      | USER       | Nordex N175-6.8 MW STE | 6.0                    | 97.4 f         | 8.0                   | 97.4 f         |
| E9  | 633,864 | 259,664 | 87.5 | NORDEX N175/6.X 6800 17... | Yes      | NORDEX    | N175/6.X-6,800 | 6,800        | 175.0          | 179.0      | USER       | Nordex N175-6.8 MW STE | 6.0                    | 97.4 f         | 8.0                   | 97.4 f         |

f) From other hub height

## Calculation Results

### Sound level

| Noise sensitive area No.        | Name   | Y       | X       | Z     | Immission height [m] | Wind speed [m/s] | Demands       |                   | Sound level From WTGs |
|---------------------------------|--|---------|---------|-------|----------------------|------------------|---------------|-------------------|-----------------------|
|                                 |  |         |         |       |                      |                  | Noise [dB(A)] | From WTGs [dB(A)] |                       |
| Aizveji (kad. apz. 56960040532) | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (87)  | 629,002 | 259,580 | 100.0 | 1.5                  | 6.0              | 20.0          | 11.6              |                       |
| Aizveji (kad. apz. 56960040532) | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (100) | 637,584 | 262,271 | 90.2  | 1.5                  | 6.0              | 20.0          | 11.6              |                       |
| Araji                           | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (82)  | 629,007 | 258,901 | 109.8 | 1.5                  | 6.0              | 20.0          | 12.3              |                       |
| Ausmas                          | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (64)  | 629,026 | 258,878 | 110.2 | 1.5                  | 6.0              | 20.0          | 12.4              |                       |
| Avenes                          | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (51)  | 630,655 | 261,679 | 95.5  | 1.5                  | 6.0              | 20.0          | 12.6              |                       |
| Avotini                         | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (12)  | 630,824 | 261,888 | 96.6  | 1.5                  | 6.0              | 20.0          | 12.7              |                       |
| Biksti                          | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (24)  | 629,430 | 260,176 | 94.4  | 1.5                  | 6.0              | 20.0          | 12.0              |                       |
| Birzmalieš i                    | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (92)  | 629,834 | 259,085 | 98.6  | 1.5                  | 6.0              | 20.0          | 15.6              |                       |
| Birzmalieš i                    | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (69)  | 629,826 | 259,009 | 100.0 | 1.5                  | 6.0              | 20.0          | 15.7              |                       |
| Bisenieki                       | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (99)  | 634,025 | 256,561 | 89.8  | 1.5                  | 6.0              | 20.0          | 13.1              |                       |
| Bisenieki 3                     | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (23)  | 628,810 | 258,021 | 99.9  | 1.5                  | 6.0              | 20.0          | 11.5              |                       |
| Bisenieki 3                     | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (86)  | 629,817 | 259,397 | 94.6  | 1.5                  | 6.0              | 20.0          | 14.7              |                       |

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16/07/2024 7:54 pm/4.0.540

## DECIBEL - Main Result

Calculation: Nordex N175-6.8 MW STE E alternativa 160724

...continued from previous page

Noise sensitive area

| No.                               | Name   | Y       | X       | Z     | Immission height [m] | Wind speed [m/s] | Demands Noise [dB(A)] | Sound level From WTGs [dB(A)] |
|-----------------------------------|--|---------|---------|-------|----------------------|------------------|-----------------------|-------------------------------|
|                                   |  |         |         | [m]   |                      |                  |                       |                               |
| Cuculi                            |  |         |         |       |                      | 8.0              | 20.0                  | 14.7                          |
| Dravnieki                         | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (45)  | 633,644 | 263,831 | 90.0  | 1.5                  | 6.0              | 20.0                  | 11.3                          |
| Dravnieki                         |  |         |         |       |                      | 8.0              | 20.0                  | 11.3                          |
| Druvas                            | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (16)  | 631,293 | 260,825 | 87.4  | 1.5                  | 6.0              | 20.0                  | 15.8                          |
| Druvas                            |  |         |         |       |                      | 8.0              | 20.0                  | 15.8                          |
| Darzipites (Purenes)              | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (18)  | 630,445 | 260,035 | 87.4  | 1.5                  | 6.0              | 20.0                  | 15.2                          |
| Darzipites (Purenes)              |  |         |         |       |                      | 8.0              | 20.0                  | 15.2                          |
| Ezermalī                          | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (6)   | 631,982 | 256,839 | 90.5  | 1.5                  | 6.0              | 20.0                  | 15.7                          |
| Ezermalī                          |  |         |         |       |                      | 8.0              | 20.0                  | 15.7                          |
| Galvani                           | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (46)  | 631,518 | 262,403 | 95.0  | 1.5                  | 6.0              | 20.0                  | 13.6                          |
| Galvani                           |  |         |         |       |                      | 8.0              | 20.0                  | 13.6                          |
| Galvani 1                         | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (41)  | 630,740 | 261,408 | 95.9  | 1.5                  | 6.0              | 20.0                  | 13.3                          |
| Galvani 1                         |  |         |         |       |                      | 8.0              | 20.0                  | 13.3                          |
| Graudini                          | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (89)  | 633,544 | 263,868 | 90.6  | 1.5                  | 6.0              | 20.0                  | 11.2                          |
| Graudini                          |  |         |         |       |                      | 8.0              | 20.0                  | 11.2                          |
| Ievas                             | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (19)  | 629,234 | 258,853 | 109.7 | 1.5                  | 6.0              | 20.0                  | 13.2                          |
| Ievas                             |  |         |         |       |                      | 8.0              | 20.0                  | 13.2                          |
| Jaunberzi                         | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (97)  | 629,247 | 257,905 | 97.4  | 1.5                  | 6.0              | 20.0                  | 13.1                          |
| Jaunberzi                         |  |         |         |       |                      | 8.0              | 20.0                  | 13.1                          |
| Jaundruvas                        | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (5)   | 631,244 | 260,809 | 87.2  | 1.5                  | 6.0              | 20.0                  | 15.6                          |
| Jaundruvas                        |  |         |         |       |                      | 8.0              | 20.0                  | 15.6                          |
| Jaundruvas 1                      | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (50)  | 631,328 | 260,722 | 88.5  | 1.5                  | 6.0              | 20.0                  | 16.0                          |
| Jaundruvas 1                      |  |         |         |       |                      | 8.0              | 20.0                  | 16.0                          |
| Jaunie Robežnieki                 | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (105) | 633,740 | 257,133 | 89.9  | 1.5                  | 6.0              | 20.0                  | 15.3                          |
| Jaunie Robežnieki                 |  |         |         |       |                      | 8.0              | 20.0                  | 15.3                          |
| Jaunlāstīgalas                    | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (21)  | 629,187 | 258,470 | 109.5 | 1.5                  | 6.0              | 20.0                  | 13.2                          |
| Jaunlāstīgalas                    |  |         |         |       |                      | 8.0              | 20.0                  | 13.2                          |
| Jaunrudzati                       | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (32)  | 628,619 | 258,104 | 102.7 | 1.5                  | 6.0              | 20.0                  | 11.0                          |
| Jaunrudzati                       |  |         |         |       |                      | 8.0              | 20.0                  | 11.0                          |
| Kalna Galvani                     | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (10)  | 631,938 | 261,808 | 98.8  | 1.5                  | 6.0              | 20.0                  | 16.8                          |
| Kalna Galvani                     |  |         |         |       |                      | 8.0              | 20.0                  | 16.8                          |
| Kalnmuīža                         | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (8)   | 632,721 | 256,821 | 92.6  | 1.5                  | 6.0              | 20.0                  | 14.4                          |
| Kalnmuīža                         |  |         |         |       |                      | 8.0              | 20.0                  | 14.4                          |
| Kalnares                          | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (14)  | 631,053 | 261,571 | 97.6  | 1.5                  | 6.0              | 20.0                  | 13.9                          |
| Kalnares                          |  |         |         |       |                      | 8.0              | 20.0                  | 13.9                          |
| Kaupres                           | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (61)  | 632,783 | 258,532 | 90.3  | 1.5                  | 6.0              | 20.0                  | 17.8                          |
| Kaupres                           |  |         |         |       |                      | 8.0              | 20.0                  | 17.8                          |
| Kaupres 1                         | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (62)  | 632,799 | 258,538 | 90.5  | 1.5                  | 6.0              | 20.0                  | 17.9                          |
| Kaupres 1                         |  |         |         |       |                      | 8.0              | 20.0                  | 17.9                          |
| Krasta Ozoli                      | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (2)   | 631,131 | 260,619 | 88.8  | 1.5                  | 6.0              | 20.0                  | 15.4                          |
| Krasta Ozoli                      |  |         |         |       |                      | 8.0              | 20.0                  | 15.4                          |
| Krastini                          | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (53)  | 631,465 | 260,045 | 88.7  | 1.5                  | 6.0              | 20.0                  | 16.8                          |
| Krastini                          |  |         |         |       |                      | 8.0              | 20.0                  | 16.8                          |
| Kvieši                            | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (43)  | 632,611 | 263,913 | 90.8  | 1.5                  | 6.0              | 20.0                  | 11.0                          |
| Kvieši                            |  |         |         |       |                      | 8.0              | 20.0                  | 11.0                          |
| Klavas                            | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (30)  | 632,956 | 259,394 | 90.6  | 1.5                  | 6.0              | 20.0                  | 19.0                          |
| Klavas                            |  |         |         |       |                      | 8.0              | 20.0                  | 19.0                          |
| Klavini                           | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (78)  | 631,053 | 256,922 | 91.6  | 1.5                  | 6.0              | 20.0                  | 15.7                          |
| Klavini                           |  |         |         |       |                      | 8.0              | 20.0                  | 15.7                          |
| Kukas                             | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (107) | 633,899 | 256,150 | 92.0  | 1.5                  | 6.0              | 20.0                  | 11.9                          |
| Kukas                             |  |         |         |       |                      | 8.0              | 20.0                  | 11.9                          |
| Laides                            | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (67)  | 629,905 | 259,102 | 97.0  | 1.5                  | 6.0              | 20.0                  | 15.9                          |
| Laides                            |  |         |         |       |                      | 8.0              | 20.0                  | 15.9                          |
| Landzani                          | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (59)  | 629,286 | 258,641 | 110.1 | 1.5                  | 6.0              | 20.0                  | 13.6                          |
| Landzani                          |  |         |         |       |                      | 8.0              | 20.0                  | 13.6                          |
| Landzani 1                        | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (27)  | 629,116 | 258,741 | 111.9 | 1.5                  | 6.0              | 20.0                  | 12.8                          |
| Landzani 1                        |  |         |         |       |                      | 8.0              | 20.0                  | 12.8                          |
| Landzani 4                        | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (83)  | 628,932 | 258,678 | 110.4 | 1.5                  | 6.0              | 20.0                  | 12.1                          |
| Landzani 4                        |  |         |         |       |                      | 8.0              | 20.0                  | 12.1                          |
| Landzani 5                        | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (65)  | 629,081 | 258,816 | 110.8 | 1.5                  | 6.0              | 20.0                  | 12.6                          |
| Landzani 5                        |  |         |         |       |                      | 8.0              | 20.0                  | 12.6                          |
| Leišupi                           | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (9)   | 628,671 | 257,407 | 93.8  | 1.5                  | 6.0              | 20.0                  | 10.5                          |
| Leišupi                           |  |         |         |       |                      | 8.0              | 20.0                  | 10.5                          |
| Liepsala                          | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (36)  | 633,000 | 259,440 | 91.0  | 1.5                  | 6.0              | 20.0                  | 19.2                          |
| Liepsala                          |  |         |         |       |                      | 8.0              | 20.0                  | 19.2                          |
| Līči                              | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (33)  | 629,928 | 260,232 | 91.1  | 1.5                  | 6.0              | 20.0                  | 13.2                          |
| Līči                              |  |         |         |       |                      | 8.0              | 20.0                  | 13.2                          |
| Mazezeri                          | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (80)  | 632,423 | 255,859 | 91.2  | 1.5                  | 6.0              | 20.0                  | 11.7                          |
| Mazezeri                          |  |         |         |       |                      | 8.0              | 20.0                  | 11.7                          |
| Meistari                          | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (34)  | 628,595 | 258,081 | 102.2 | 1.5                  | 6.0              | 20.0                  | 10.9                          |
| Meistari                          |  |         |         |       |                      | 8.0              | 20.0                  | 10.9                          |
| Mežmuiža                          | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (66)  | 631,348 | 260,063 | 89.8  | 1.5                  | 6.0              | 20.0                  | 16.7                          |
| Mežmuiža                          |  |         |         |       |                      | 8.0              | 20.0                  | 16.7                          |
| Mežmuiža                          | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (58)  | 631,411 | 260,014 | 88.8  | 1.5                  | 6.0              | 20.0                  | 16.8                          |
| Mežmuiža                          |  |         |         |       |                      | 8.0              | 20.0                  | 16.8                          |
| Mežvidi                           | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (25)  | 631,891 | 258,644 | 91.2  | 1.5                  | 6.0              | 20.0                  | 18.1                          |
| Mežvidi                           |  |         |         |       |                      | 8.0              | 20.0                  | 18.1                          |
| Muižnieki (kad. apz. 56960040061) | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (20)  | 630,201 | 259,845 | 91.7  | 1.5                  | 6.0              | 20.0                  | 15.0                          |
| Muižnieki (kad. apz. 56960040061) |  |         |         |       |                      | 8.0              | 20.0                  | 15.0                          |

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Kristiana / kristiana@environment.lv

Calculated:

16/07/2024 7:54 pm/4.0.540

## DECIBEL - Main Result

Calculation: Nordex N175-6.8 MW STE E alternativa 160724

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Noise sensitive area

| No.                                | Name   | Y       | X       | Z     | Immission height [m] | Wind speed [m/s] | Demands Noise [dB(A)] | Sound level From WTGs [dB(A)] |
|------------------------------------|--|---------|---------|-------|----------------------|------------------|-----------------------|-------------------------------|
| Muiž nieki (kad. apz. 76860010011) | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (98)  | 637,413 | 263,145 | 89.7  | 1.5                  | 6.0              | 20.0                  | 10.0                          |
| Muiž nieki (kad. apz. 76860010011) |  |         |         |       |                      | 8.0              | 20.0                  | 10.0                          |
| Ogu purvs                          | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (44)  | 632,503 | 263,565 | 90.8  | 1.5                  | 6.0              | 20.0                  | 12.0                          |
| Ogu purvs                          |  |         |         |       |                      | 8.0              | 20.0                  | 12.0                          |
| Ozolmuiž a                         | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (77)  | 632,309 | 256,092 | 92.0  | 1.5                  | 6.0              | 20.0                  | 12.4                          |
| Ozolmuiž a                         |  |         |         |       |                      | 8.0              | 20.0                  | 12.4                          |
| Ozolsalina                         | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (47)  | 631,296 | 256,744 | 90.3  | 1.5                  | 6.0              | 20.0                  | 15.1                          |
| Ozolsalina                         |  |         |         |       |                      | 8.0              | 20.0                  | 15.1                          |
| OŠ ini (kad. apz. 76860060068001)  | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (104) | 635,060 | 256,873 | 89.5  | 1.5                  | 6.0              | 20.0                  | 13.0                          |
| OŠ ini (kad. apz. 76860060068001)  |  |         |         |       |                      | 8.0              | 20.0                  | 13.0                          |
| OŠ ini (kad. apz. 76860060068006)  | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (106) | 635,063 | 256,890 | 89.4  | 1.5                  | 6.0              | 20.0                  | 13.0                          |
| OŠ ini (kad. apz. 76860060068006)  |  |         |         |       |                      | 8.0              | 20.0                  | 13.0                          |
| Pludmales                          | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (55)  | 632,402 | 259,972 | 87.5  | 1.5                  | 6.0              | 20.0                  | 18.5                          |
| Pludmales                          |  |         |         |       |                      | 8.0              | 20.0                  | 18.5                          |
| Pludmales 1                        | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (54)  | 632,389 | 259,979 | 87.5  | 1.5                  | 6.0              | 20.0                  | 18.5                          |
| Pludmales 1                        |  |         |         |       |                      | 8.0              | 20.0                  | 18.5                          |
| Rudzati                            | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (71)  | 628,835 | 258,131 | 101.9 | 1.5                  | 6.0              | 20.0                  | 11.7                          |
| Rudzati                            |  |         |         |       |                      | 8.0              | 20.0                  | 11.7                          |
| Raceni                             | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (93)  | 631,440 | 260,124 | 89.3  | 1.5                  | 6.0              | 20.0                  | 16.7                          |
| Raceni                             |  |         |         |       |                      | 8.0              | 20.0                  | 16.7                          |
| Ruki                               | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (90)  | 633,500 | 263,869 | 90.4  | 1.5                  | 6.0              | 20.0                  | 11.2                          |
| Ruki                               |  |         |         |       |                      | 8.0              | 20.0                  | 11.2                          |
| Saulkrasti                         | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (49)  | 629,817 | 260,364 | 90.5  | 1.5                  | 6.0              | 20.0                  | 12.7                          |
| Saulkrasti                         |  |         |         |       |                      | 8.0              | 20.0                  | 12.7                          |
| Saulites                           | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (68)  | 629,092 | 258,651 | 111.8 | 1.5                  | 6.0              | 20.0                  | 12.7                          |
| Saulites                           |  |         |         |       |                      | 8.0              | 20.0                  | 12.7                          |
| Seglini                            | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (29)  | 629,043 | 258,604 | 111.3 | 1.5                  | 6.0              | 20.0                  | 12.6                          |
| Seglini                            |  |         |         |       |                      | 8.0              | 20.0                  | 12.6                          |
| Senlici                            | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (72)  | 629,159 | 258,479 | 110.1 | 1.5                  | 6.0              | 20.0                  | 13.1                          |
| Senlici                            |  |         |         |       |                      | 8.0              | 20.0                  | 13.1                          |
| Skola (kad. apz. 56960040345001)   | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (81)  | 630,464 | 259,995 | 90.5  | 1.5                  | 6.0              | 20.0                  | 15.4                          |
| Skola (kad. apz. 56960040345001)   |  |         |         |       |                      | 8.0              | 20.0                  | 15.4                          |
| Skola (kad. apz. 56960040345002)   | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (74)  | 630,497 | 259,971 | 90.9  | 1.5                  | 6.0              | 20.0                  | 15.6                          |
| Skola (kad. apz. 56960040345002)   |  |         |         |       |                      | 8.0              | 20.0                  | 15.6                          |
| Skola (kad. apz. 56960040345005)   | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (73)  | 630,516 | 259,989 | 90.8  | 1.5                  | 6.0              | 20.0                  | 15.6                          |
| Skola (kad. apz. 56960040345005)   |  |         |         |       |                      | 8.0              | 20.0                  | 15.6                          |
| Spridiš i                          | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (31)  | 630,287 | 259,867 | 91.4  | 1.5                  | 6.0              | 20.0                  | 15.3                          |
| Spridiš i                          |  |         |         |       |                      | 8.0              | 20.0                  | 15.3                          |
| Starumeni                          | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (57)  | 629,570 | 260,072 | 91.0  | 1.5                  | 6.0              | 20.0                  | 12.5                          |
| Starumeni                          |  |         |         |       |                      | 8.0              | 20.0                  | 12.5                          |
| Straumenini                        | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (4)   | 630,371 | 260,297 | 90.6  | 1.5                  | 6.0              | 20.0                  | 14.2                          |
| Straumenini                        |  |         |         |       |                      | 8.0              | 20.0                  | 14.2                          |
| Strauti                            | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (17)  | 630,507 | 260,064 | 86.7  | 1.5                  | 6.0              | 20.0                  | 15.3                          |
| Strauti                            |  |         |         |       |                      | 8.0              | 20.0                  | 15.3                          |
| Strautini                          | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (11)  | 630,135 | 260,339 | 89.7  | 1.5                  | 6.0              | 20.0                  | 13.5                          |
| Strautini                          |  |         |         |       |                      | 8.0              | 20.0                  | 13.5                          |
| Suš i                              | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (3)   | 632,558 | 262,979 | 90.8  | 1.5                  | 6.0              | 20.0                  | 14.5                          |
| Suš i                              |  |         |         |       |                      | 8.0              | 20.0                  | 14.5                          |
| Sipolini                           | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (35)  | 628,994 | 257,983 | 98.4  | 1.5                  | 6.0              | 20.0                  | 12.2                          |
| Sipolini                           |  |         |         |       |                      | 8.0              | 20.0                  | 12.2                          |
| Turaiki                            | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (84)  | 629,707 | 259,447 | 96.1  | 1.5                  | 6.0              | 20.0                  | 14.2                          |
| Turaiki                            |  |         |         |       |                      | 8.0              | 20.0                  | 14.2                          |
| Tireli                             | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (42)  | 628,943 | 256,985 | 93.8  | 1.5                  | 6.0              | 20.0                  | 10.6                          |
| Tireli                             |  |         |         |       |                      | 8.0              | 20.0                  | 10.6                          |
| Tudalinas                          | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (13)  | 630,581 | 260,365 | 90.5  | 1.5                  | 6.0              | 20.0                  | 14.5                          |
| Tudalinas                          |  |         |         |       |                      | 8.0              | 20.0                  | 14.5                          |
| Uplejas (kad. apz. 56960040385)    | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (22)  | 630,496 | 260,063 | 86.5  | 1.5                  | 6.0              | 20.0                  | 15.2                          |
| Uplejas (kad. apz. 56960040385)    |  |         |         |       |                      | 8.0              | 20.0                  | 15.2                          |
| Upmales                            | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (75)  | 631,821 | 259,742 | 87.8  | 1.5                  | 6.0              | 20.0                  | 17.2                          |
| Upmales                            |  |         |         |       |                      | 8.0              | 20.0                  | 17.2                          |
| Upmalnieki                         | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (102) | 637,168 | 262,426 | 89.6  | 1.5                  | 6.0              | 20.0                  | 12.4                          |
| Upmalnieki                         |  |         |         |       |                      | 8.0              | 20.0                  | 12.4                          |
| Upmali                             | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (76)  | 631,974 | 259,757 | 87.6  | 1.5                  | 6.0              | 20.0                  | 17.3                          |
| Upmali                             |  |         |         |       |                      | 8.0              | 20.0                  | 17.3                          |
| Upiš i                             | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (103) | 635,172 | 256,887 | 90.1  | 1.5                  | 6.0              | 20.0                  | 12.8                          |
| Upiš i                             |  |         |         |       |                      | 8.0              | 20.0                  | 12.8                          |
| Vaivarini                          | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (88)  | 628,948 | 257,218 | 93.6  | 1.5                  | 6.0              | 20.0                  | 11.0                          |
| Vaivarini                          |  |         |         |       |                      | 8.0              | 20.0                  | 11.0                          |
| Vecveveri                          | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (15)  | 629,448 | 258,075 | 98.7  | 1.5                  | 6.0              | 20.0                  | 14.3                          |
| Vecveveri                          |  |         |         |       |                      | 8.0              | 20.0                  | 14.3                          |
| Viduslejas                         | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (1)   | 629,699 | 260,354 | 90.1  | 1.5                  | 6.0              | 20.0                  | 12.4                          |
| Viduslejas                         |  |         |         |       |                      | 8.0              | 20.0                  | 12.4                          |
| Vilniš i                           | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (70)  | 631,367 | 260,092 | 90.3  | 1.5                  | 6.0              | 20.0                  | 16.6                          |
| Vilniš i                           |  |         |         |       |                      | 8.0              | 20.0                  | 16.6                          |
| Valodzes                           | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (26)  | 629,323 | 258,499 | 108.2 | 1.5                  | 6.0              | 20.0                  | 13.8                          |
| Valodzes                           |  |         |         |       |                      | 8.0              | 20.0                  | 13.8                          |
| Veji                               | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (63)  | 629,018 | 258,582 | 111.4 | 1.5                  | 6.0              | 20.0                  | 12.5                          |
| Veji                               |  |         |         |       |                      | 8.0              | 20.0                  | 12.5                          |
| Vejini                             | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (37)  | 628,995 | 258,562 | 111.2 | 1.5                  | 6.0              | 20.0                  | 12.4                          |

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Project:

ZFT E alternativa Mezares

Licensed user:

SIA Estonian, Latvian &amp; Lithuanian environment

Vilandes 3-6

LV-1010 Riga

0037167242411

Kristiana / kristiana@environment.lv

Calculated:

16/07/2024 7:54 pm/4.0.540

## DECIBEL - Main Result

Calculation: Nordex N175-6.8 MW STE E alternativa 160724

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Noise sensitive area

| No.                           | Name   | Y       | X       | Z     | Immission height [m] | Wind speed [m/s] | Demands Noise [dB(A)] | Sound level From WTGs [dB(A)] |
|-------------------------------|--|---------|---------|-------|----------------------|------------------|-----------------------|-------------------------------|
|                               |  |         |         | [m]   |                      |                  |                       |                               |
| Vejini                        |  |         |         |       |                      | 8.0              | 20.0                  | 12.4                          |
| Vejkalni                      | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (85)  | 629,623 | 259,351 | 101.3 | 1.5                  | 6.0              | 20.0                  | 14.0                          |
| Vejkalni                      |  |         |         |       |                      | 8.0              | 20.0                  | 14.0                          |
| Veveri                        | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (56)  | 629,484 | 257,821 | 96.5  | 1.5                  | 6.0              | 20.0                  | 14.1                          |
| Veveri                        |  |         |         |       |                      | 8.0              | 20.0                  | 14.1                          |
| Veveri 1                      | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (38)  | 629,515 | 258,020 | 97.6  | 1.5                  | 6.0              | 20.0                  | 14.6                          |
| Veveri 1                      |  |         |         |       |                      | 8.0              | 20.0                  | 14.6                          |
| Vipes skola 1                 | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (96)  | 630,575 | 260,083 | 88.0  | 1.5                  | 6.0              | 20.0                  | 15.4                          |
| Vipes skola 1                 |  |         |         |       |                      | 8.0              | 20.0                  | 15.4                          |
| Vipmali                       | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (52)  | 632,392 | 262,044 | 91.5  | 1.5                  | 6.0              | 20.0                  | 19.3                          |
| Vipmali                       |  |         |         |       |                      | 8.0              | 20.0                  | 19.3                          |
| Zalumi                        | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (91)  | 629,788 | 256,666 | 93.6  | 1.5                  | 6.0              | 20.0                  | 12.0                          |
| Zalumi                        |  |         |         |       |                      | 8.0              | 20.0                  | 12.0                          |
| Ziedini                       | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (48)  | 630,259 | 260,280 | 89.1  | 1.5                  | 6.0              | 20.0                  | 14.0                          |
| Ziedini                       |  |         |         |       |                      | 8.0              | 20.0                  | 14.0                          |
| Ziemeli                       | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (60)  | 628,970 | 258,544 | 110.9 | 1.5                  | 6.0              | 20.0                  | 12.3                          |
| Ziemeli                       |  |         |         |       |                      | 8.0              | 20.0                  | 12.3                          |
| Ziemelnieki                   | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (7)   | 632,730 | 257,300 | 92.1  | 1.5                  | 6.0              | 20.0                  | 15.9                          |
| Ziemelnieki                   |  |         |         |       |                      | 8.0              | 20.0                  | 15.9                          |
| Zilites                       | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (40)  | 631,276 | 260,636 | 88.6  | 1.5                  | 6.0              | 20.0                  | 15.9                          |
| Zilites                       |  |         |         |       |                      | 8.0              | 20.0                  | 15.9                          |
| Zilusala (Ozolsala)           | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (79)  | 631,638 | 256,495 | 91.5  | 1.5                  | 6.0              | 20.0                  | 14.1                          |
| Zilusala (Ozolsala)           |  |         |         |       |                      | 8.0              | 20.0                  | 14.1                          |
| Ergliš i (Janis Vuš karnieki) | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (101) | 637,624 | 262,213 | 89.9  | 1.5                  | 6.0              | 20.0                  | 11.1                          |
| Ergliš i (Janis Vuš karnieki) |  |         |         |       |                      | 8.0              | 20.0                  | 11.1                          |
| Ives                          | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (39)  | 629,102 | 258,794 | 111.2 | 1.5                  | 6.0              | 20.0                  | 12.7                          |
| Ives                          |  |         |         |       |                      | 8.0              | 20.0                  | 12.7                          |
| Kirš i                        | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (28)  | 629,224 | 258,684 | 110.5 | 1.5                  | 6.0              | 20.0                  | 13.3                          |
| Kirš i                        |  |         |         |       |                      | 8.0              | 20.0                  | 13.3                          |
| Udensrozes                    | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (94)  | 631,716 | 256,417 | 91.1  | 1.5                  | 6.0              | 20.0                  | 13.8                          |
| Udensrozes                    |  |         |         |       |                      | 8.0              | 20.0                  | 13.8                          |
| Udri                          | Noise sensitive point: Danish 2019 low frequency - Regular dwellings (95)  | 630,377 | 257,422 | 99.4  | 1.5                  | 6.0              | 20.0                  | 16.5                          |
| Udri                          |  |         |         |       |                      | 8.0              | 20.0                  | 16.5                          |

## Distances (m)

| NSA                             | WTG  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
|---------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
|                                 | E1   | E10  | E11  | E12  | E13  | E14  | E15  | E16  | E2   | E3   | E4   | E5   | E6   | E7   | E8   | E9   |  |
| Aizveji (kad. apz. 56960040532) | 7455 | 4865 | 4955 | 5405 | 2008 | 1924 | 2709 | 3338 | 6266 | 5990 | 6040 | 4565 | 4619 | 3539 | 4157 | 4861 |  |
| Araji                           | 1537 | 4924 | 5300 | 5278 | 7299 | 8175 | 7670 | 7417 | 2813 | 3313 | 3707 | 4739 | 4375 | 5474 | 4871 | 4542 |  |
| Ausmas                          | 7680 | 4837 | 4850 | 5267 | 1983 | 1552 | 2375 | 3001 | 6438 | 6099 | 6072 | 4960 | 4874 | 3845 | 4343 | 4915 |  |
| Avenes                          | 7672 | 4819 | 4830 | 5246 | 1968 | 1526 | 2349 | 2974 | 6427 | 6087 | 6056 | 4960 | 4867 | 3841 | 4334 | 4901 |  |
| Avotini                         | 5468 | 4119 | 4490 | 4990 | 2519 | 3388 | 3714 | 4140 | 4542 | 4531 | 4868 | 2224 | 2799 | 1789 | 2719 | 3789 |  |
| Biksti                          | 5298 | 4129 | 4524 | 5021 | 2712 | 3610 | 3900 | 4302 | 4417 | 4442 | 4813 | 2031 | 2691 | 1743 | 2677 | 3766 |  |
| Birzmalleš i                    | 6885 | 4547 | 4713 | 5190 | 1834 | 2130 | 2804 | 3403 | 5744 | 5525 | 5645 | 3894 | 4047 | 2943 | 3651 | 4462 |  |
| Bisenieki                       | 6847 | 4007 | 4048 | 4483 | 1140 | 992  | 1746 | 2373 | 5596 | 5253 | 5231 | 4220 | 4055 | 3058 | 3507 | 4071 |  |
| Bisenieki 3                     | 6885 | 4016 | 4046 | 4476 | 1157 | 937  | 1707 | 2336 | 5628 | 5278 | 5247 | 4280 | 4100 | 3111 | 3545 | 4090 |  |
| Berzkalnes                      | 5637 | 2514 | 1963 | 1646 | 4022 | 3985 | 3166 | 2536 | 4471 | 3807 | 3176 | 5600 | 4533 | 4699 | 3986 | 3106 |  |
| Cerini                          | 8227 | 5138 | 5056 | 5420 | 2450 | 1650 | 2397 | 2960 | 6941 | 6537 | 6421 | 5696 | 5483 | 4521 | 4896 | 5313 |  |
| Cuculi                          | 6745 | 4037 | 4120 | 4571 | 1173 | 1261 | 1966 | 2582 | 5519 | 5209 | 5228 | 4021 | 3929 | 2895 | 3416 | 4055 |  |
| Dravnieki                       | 3207 | 4765 | 5317 | 5665 | 5364 | 6394 | 6313 | 6428 | 3290 | 3810 | 4484 | 1960 | 2793 | 3211 | 3445 | 4172 |  |
| Druvas                          | 4925 | 3095 | 3439 | 3940 | 1677 | 2668 | 2820 | 3172 | 3837 | 3707 | 3955 | 1974 | 2101 | 989  | 1822 | 2821 |  |
| Darzipites (Purenes)            | 5943 | 3531 | 3721 | 4206 | 1004 | 1737 | 2167 | 2688 | 4762 | 4516 | 4621 | 3130 | 3107 | 2036 | 2657 | 3439 |  |
| Ezermali                        | 6457 | 2903 | 2505 | 2624 | 2550 | 2125 | 1401 | 878  | 5133 | 4527 | 4102 | 5270 | 4437 | 4095 | 3755 | 3394 |  |
| Galvani                         | 4644 | 4063 | 4527 | 5003 | 3269 | 4244 | 4406 | 4721 | 3913 | 4054 | 4521 | 1381 | 2303 | 1661 | 2508 | 3605 |  |
| Galvani 1                       | 5395 | 3884 | 4240 | 4741 | 2240 | 3124 | 3433 | 3856 | 4418 | 4370 | 4678 | 2201 | 2666 | 1611 | 2527 | 3577 |  |
| Graudini                        | 3308 | 4807 | 5359 | 5713 | 5347 | 6376 | 6309 | 6435 | 3369 | 3880 | 4551 | 1957 | 2822 | 3204 | 3466 | 4216 |  |
| Ievas                           | 7489 | 4612 | 4620 | 5036 | 1767 | 1325 | 2147 | 2774 | 6238 | 5890 | 5853 | 4818 | 4694 | 3681 | 4150 | 4699 |  |
| Jaunberzi                       | 7899 | 4739 | 4636 | 4989 | 2144 | 1254 | 1963 | 2514 | 6598 | 6172 | 6030 | 5483 | 5195 | 4277 | 4585 | 4940 |  |
| Jaundruvas                      | 4976 | 3126 | 3465 | 3966 | 1652 | 2637 | 2802 | 3163 | 3886 | 3753 | 3996 | 2022 | 2152 | 1039 | 1866 | 2858 |  |
| Jaundruvas 1                    | 4913 | 3008 | 3344 | 3846 | 1583 | 2581 | 2717 | 3064 | 3805 | 3658 | 3889 | 2012 | 2080 | 971  | 1768 | 2747 |  |
| Jaunie Robež nieki              | 5234 | 1938 | 1387 | 1169 | 3443 | 3502 | 2679 | 2064 | 4009 | 3348 | 2763 | 4984 | 3932 | 4063 | 3366 | 2533 |  |
| Jaunlakstigalas                 | 7690 | 4692 | 4655 | 5048 | 1919 | 1262 | 2073 | 2681 | 6417 | 6037 | 5958 | 5113 | 4924 | 3945 | 4352 | 4826 |  |
| Jaunrudzati                     | 8360 | 5310 | 5239 | 5609 | 2585 | 1828 | 2590 | 3160 | 7082 | 6690 | 6588 | 5776 | 5599 | 4618 | 5024 | 5470 |  |
| Kalna Galvani                   | 4184 | 3335 | 3802 | 4277 | 2800 | 3817 | 3871 | 4125 | 3319 | 3394 | 3827 | 941  | 1631 | 947  | 1782 | 2882 |  |
| Kalnmuiz a                      | 6025 | 2512 | 2033 | 2040 | 2937 | 2719 | 1922 | 1299 | 4732 | 4095 | 3599 | 5218 | 4280 | 4127 | 3629 | 3064 |  |
| Kalnares                        | 5073 | 3746 | 4136 | 4633 | 2393 | 3330 | 3568 | 3947 | 4131 | 4119 | 4463 | 1856 | 2386 | 1384 | 2317 | 3396 |  |
| Kaupres                         | 4668 | 1187 | 1060 | 1483 | 1925 | 2357 | 1661 | 1333 | 3330 | 2772 | 2487 | 3506 | 2588 | 2445 | 1923 | 1565 |  |
| Kaupres 1                       | 4653 | 1170 | 1044 | 1470 | 1937 | 2373 | 1677 | 1349 | 3315 | 2756 | 2470 | 3500 | 2579 | 2443 | 1915 | 1550 |  |
| Krasta Ozoli                    | 5127 | 3122 | 3430 | 3932 | 1448 | 2422 | 2613 | 2997 | 4007 | 3841 | 4050 | 2228 | 2291 | 1186 | 1949 | 2894 |  |

To be continued on next page...



## DECIBEL - Main Result

Calculation: Nordex N175-6.8 MW STE E alternativa 160724

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|                                    | WTG  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
|------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| NSA                                | E1   | E10  | E11  | E12  | E13  | E14  | E15  | E16  | E2   | E3   | E4   | E5   | E6   | E7   | E8   | E9   |  |
| Krastini                           | 4974 | 2569 | 2826 | 3325 | 997  | 2027 | 2055 | 2376 | 3761 | 3496 | 3609 | 2426 | 2164 | 1196 | 1653 | 2428 |  |
| Kvieš i                            | 4100 | 4997 | 5534 | 5941 | 5009 | 6020 | 6070 | 6285 | 3930 | 4346 | 4977 | 1890 | 2965 | 3007 | 3510 | 4429 |  |
| Klavas                             | 3973 | 943  | 1247 | 1747 | 1997 | 2746 | 2232 | 2089 | 2641 | 2176 | 2095 | 2646 | 1710 | 1674 | 1046 | 947  |  |
| Klavini                            | 7031 | 3519 | 3213 | 3421 | 2259 | 1507 | 1095 | 1036 | 5692 | 5131 | 4789 | 5422 | 4739 | 4185 | 4050 | 3926 |  |
| Kukas                              | 6066 | 2919 | 2367 | 2072 | 4213 | 4074 | 3269 | 2640 | 4901 | 4237 | 3606 | 5980 | 4926 | 5042 | 4362 | 3514 |  |
| Laides                             | 6774 | 3936 | 3980 | 4416 | 1068 | 964  | 1702 | 2326 | 5523 | 5179 | 5159 | 4158 | 3985 | 2991 | 3435 | 3997 |  |
| Landzani                           | 7527 | 4574 | 4557 | 4961 | 1768 | 1201 | 2023 | 2643 | 6262 | 5893 | 5830 | 4923 | 4751 | 3762 | 4188 | 4689 |  |
| Landzani 1                         | 7642 | 4736 | 4731 | 5141 | 1905 | 1394 | 2217 | 2839 | 6387 | 6032 | 5984 | 4980 | 4850 | 3841 | 4302 | 4836 |  |
| Landzani 4                         | 7836 | 4924 | 4912 | 5317 | 2099 | 1552 | 2372 | 2988 | 6581 | 6225 | 6175 | 5161 | 5042 | 4029 | 4496 | 5028 |  |
| Landzani 5                         | 7644 | 4766 | 4770 | 5183 | 1923 | 1451 | 2275 | 2899 | 6394 | 6047 | 6008 | 4957 | 4845 | 3828 | 4305 | 4856 |  |
| Leiš upi                           | 8646 | 5430 | 5288 | 5611 | 2903 | 1978 | 2606 | 3092 | 7339 | 6898 | 6728 | 6237 | 5954 | 5036 | 5340 | 5661 |  |
| Liepsala                           | 3910 | 920  | 1250 | 1748 | 2046 | 2805 | 2295 | 2152 | 2579 | 2118 | 2047 | 2602 | 1654 | 1650 | 995  | 892  |  |
| Liciš i                            | 6388 | 4082 | 4273 | 4757 | 1481 | 1999 | 2566 | 3131 | 5243 | 5027 | 5157 | 3435 | 3549 | 2449 | 3150 | 3976 |  |
| Mazezeri                           | 6993 | 3508 | 3012 | 2952 | 3623 | 3144 | 2467 | 1946 | 5716 | 5070 | 4542 | 6192 | 5277 | 5066 | 4619 | 4067 |  |
| Meistari                           | 8393 | 5338 | 5265 | 5634 | 2617 | 1855 | 2613 | 3181 | 7114 | 6721 | 6617 | 5810 | 5632 | 4651 | 5057 | 5501 |  |
| Mež a Muiž a                       | 5078 | 2684 | 2934 | 3432 | 961  | 1986 | 2061 | 2410 | 3871 | 3612 | 3727 | 2481 | 2260 | 1267 | 1763 | 2546 |  |
| Mež muiž a                         | 5036 | 2608 | 2856 | 3353 | 944  | 1973 | 2018 | 2353 | 3821 | 3553 | 3659 | 2483 | 2226 | 1256 | 1713 | 2477 |  |
| Mež vidi                           | 5275 | 1996 | 1956 | 2380 | 1065 | 1494 | 934  | 968  | 3944 | 3461 | 3285 | 3526 | 2830 | 2312 | 2144 | 2221 |  |
| Muiž nieki (kad. apz. 56960040061) | 6233 | 3721 | 3875 | 4351 | 1017 | 1564 | 2096 | 2657 | 5038 | 4771 | 4849 | 3438 | 3401 | 2339 | 2930 | 3666 |  |
| Muiž nieki (kad. apz. 76860010011) | 1867 | 5419 | 5845 | 5885 | 7564 | 8493 | 8056 | 7863 | 3205 | 3794 | 4288 | 4694 | 4542 | 5595 | 5118 | 4971 |  |
| Ogu purvs                          | 4029 | 4691 | 5223 | 5639 | 4645 | 5657 | 5707 | 5926 | 3745 | 4121 | 4734 | 1566 | 2664 | 2650 | 3183 | 4131 |  |
| Ozolmuiž a                         | 6860 | 3348 | 2868 | 2847 | 3365 | 2893 | 2209 | 1689 | 5569 | 4931 | 4424 | 5970 | 5072 | 4832 | 4407 | 3895 |  |
| Ozolsalina                         | 6985 | 3447 | 3102 | 3271 | 2457 | 1776 | 1266 | 1047 | 5649 | 5070 | 4693 | 5517 | 4784 | 4293 | 4094 | 3888 |  |
| OŠ ini (kad. apz. 76860060068001)  | 5035 | 2511 | 2045 | 1562 | 4694 | 4836 | 4015 | 3406 | 4022 | 3381 | 2697 | 5617 | 4500 | 4914 | 4077 | 3036 |  |
| OŠ ini (kad. apz. 76860060068006)  | 5017 | 2497 | 2033 | 1549 | 4688 | 4834 | 4013 | 3405 | 4005 | 3364 | 2680 | 5602 | 4486 | 4902 | 4063 | 3021 |  |
| Pludmales                          | 4142 | 1699 | 2048 | 2547 | 1637 | 2581 | 2300 | 2376 | 2878 | 2568 | 2671 | 2113 | 1456 | 960  | 813  | 1493 |  |
| Pludmales 1                        | 4151 | 1714 | 2062 | 2562 | 1628 | 2575 | 2299 | 2379 | 2889 | 2581 | 2686 | 2109 | 1460 | 951  | 820  | 1508 |  |
| Rudzati                            | 8155 | 5093 | 5021 | 5392 | 2378 | 1610 | 2375 | 2949 | 6873 | 6477 | 6372 | 5601 | 5402 | 4432 | 4821 | 5256 |  |
| Raceni                             | 4971 | 2622 | 2890 | 3389 | 1055 | 2083 | 2130 | 2457 | 3768 | 3517 | 3645 | 2377 | 2151 | 1158 | 1661 | 2466 |  |
| Ruki                               | 3343 | 4811 | 5362 | 5719 | 5327 | 6356 | 6294 | 6424 | 3391 | 3897 | 4567 | 1942 | 2821 | 3188 | 3462 | 4220 |  |
| Saulkrasti                         | 6465 | 4227 | 4429 | 4914 | 1653 | 2156 | 2736 | 3303 | 5338 | 5139 | 5286 | 3464 | 3630 | 2523 | 3256 | 4106 |  |
| Saulītes                           | 7700 | 4767 | 4751 | 5155 | 1951 | 1390 | 2211 | 2828 | 6440 | 6078 | 6021 | 5058 | 4914 | 3912 | 4360 | 4877 |  |
| Seglini                            | 7764 | 4820 | 4799 | 5200 | 2011 | 1427 | 2245 | 2859 | 6502 | 6137 | 6077 | 5126 | 4980 | 3980 | 4424 | 4935 |  |
| Senlici                            | 7712 | 4719 | 4683 | 5077 | 1942 | 1291 | 2102 | 2711 | 6440 | 6062 | 5984 | 5127 | 4944 | 3962 | 4374 | 4851 |  |
| Skola (kad. apz. 56960040345001)   | 5937 | 3502 | 3688 | 4172 | 960  | 1697 | 2123 | 2644 | 4751 | 4499 | 4599 | 3141 | 3103 | 2037 | 2644 | 3415 |  |
| Skola (kad. apz. 56960040345002)   | 5913 | 3464 | 3648 | 4131 | 922  | 1673 | 2089 | 2606 | 4723 | 4467 | 4563 | 3132 | 3080 | 2019 | 2616 | 3380 |  |
| Skola (kad. apz. 56960040345005)   | 5889 | 3450 | 3637 | 4122 | 928  | 1693 | 2100 | 2613 | 4700 | 4447 | 4546 | 3105 | 3055 | 1993 | 2594 | 3363 |  |
| Spridiš i                          | 6145 | 3643 | 3803 | 4281 | 969  | 1576 | 2076 | 2627 | 4950 | 4684 | 4765 | 3359 | 3313 | 2254 | 2842 | 3582 |  |
| Starumeni                          | 6775 | 4387 | 4547 | 5021 | 1661 | 1975 | 2636 | 3233 | 5619 | 5388 | 5496 | 3824 | 3935 | 2838 | 3520 | 4313 |  |
| Straumenini                        | 5942 | 3681 | 3901 | 4392 | 1268 | 2000 | 2438 | 2953 | 4795 | 4584 | 4728 | 3029 | 3103 | 2006 | 2704 | 3549 |  |
| Strauti                            | 5876 | 3479 | 3677 | 4163 | 998  | 1766 | 2173 | 2683 | 4696 | 4452 | 4563 | 3064 | 3040 | 1968 | 2591 | 3380 |  |
| Strautini                          | 6161 | 3918 | 4131 | 4620 | 1429 | 2063 | 2567 | 3106 | 5025 | 4821 | 4967 | 3202 | 3324 | 2220 | 2938 | 3789 |  |
| Suš i                              | 3756 | 4115 | 4643 | 5066 | 4117 | 5138 | 5152 | 5353 | 3310 | 3630 | 4218 | 985  | 2098 | 2074 | 2597 | 3563 |  |
| Sipolini                           | 8082 | 4966 | 4877 | 5237 | 2309 | 1477 | 2213 | 2773 | 6790 | 6378 | 6253 | 5594 | 5352 | 4407 | 4756 | 5150 |  |
| Turaiki                            | 6831 | 4151 | 4239 | 4691 | 1291 | 1361 | 2080 | 2698 | 5612 | 5310 | 5337 | 4073 | 4009 | 2964 | 3506 | 4162 |  |
| Tireli                             | 8640 | 5322 | 5132 | 5421 | 2987 | 1989 | 2483 | 2894 | 7317 | 6842 | 6624 | 6386 | 6018 | 5159 | 5378 | 5601 |  |
| Tudalinas                          | 5722 | 3508 | 3748 | 4243 | 1248 | 2072 | 2440 | 2923 | 4578 | 4376 | 4532 | 2819 | 2883 | 1786 | 2492 | 3356 |  |
| Upeļas (kad. apz. 56960040385)     | 5886 | 3489 | 3686 | 4172 | 1002 | 1765 | 2175 | 2687 | 4707 | 4463 | 4573 | 3072 | 3050 | 1978 | 2602 | 3390 |  |
| Upmales                            | 4765 | 2129 | 2364 | 2861 | 1020 | 2000 | 1841 | 2057 | 3503 | 3176 | 3226 | 2516 | 2036 | 1267 | 1429 | 2044 |  |
| Upmalnieki                         | 1220 | 4725 | 5131 | 5150 | 6995 | 7894 | 7419 | 7196 | 2548 | 3100 | 3558 | 4334 | 4027 | 5115 | 4554 | 4306 |  |
| Upmali                             | 4621 | 1990 | 2243 | 2742 | 1158 | 2119 | 1911 | 2083 | 3354 | 3022 | 3074 | 2443 | 1911 | 1205 | 1289 | 1891 |  |
| Upiš i                             | 4998 | 2555 | 2103 | 1613 | 4786 | 4940 | 4119 | 3512 | 4007 | 3372 | 2685 | 5649 | 4530 | 4967 | 4120 | 3069 |  |
| Vaivarini                          | 8509 | 5231 | 5063 | 5369 | 2817 | 1840 | 2393 | 2842 | 7192 | 6730 | 6533 | 6201 | 5860 | 4981 | 5229 | 5490 |  |
| Vecveveri                          | 7640 | 4504 | 4416 | 4781 | 1881 | 1014 | 1760 | 2336 | 6342 | 5922 | 5791 | 5222 | 4932 | 4015 | 4323 | 4692 |  |
| Viduslejas                         | 6582 | 4336 | 4531 | 5016 | 1730 | 2184 | 2790 | 3365 | 5456 | 5256 | 5400 | 3572 | 3747 | 2640 | 3373 | 4220 |  |
| Vilniš i                           | 5050 | 2677 | 2934 | 3432 | 995  | 2021 | 2092 | 2436 | 3846 | 3592 | 3713 | 2446 | 2231 | 1233 | 1738 | 2533 |  |
| Valodzes                           | 7555 | 4553 | 4519 | 4913 | 1782 | 1132 | 1947 | 2560 | 6280 | 5898 | 5819 | 4995 | 4793 | 3821 | 4218 | 4687 |  |
| Vēji                               | 7796 | 4847 | 4824 | 5224 | 2041 | 1447 | 2264 | 2876 | 6533 | 6167 | 6105 | 5159 | 5013 | 4013 | 4456 | 4964 |  |
| Vējini                             | 7825 | 4872 | 4847 | 5245 | 2069 | 1466 | 2281 | 2892 | 6562 | 6195 | 6131 | 5190 | 5042 | 4043 | 4485 | 4991 |  |
| Vejkalni                           | 6942 | 4227 | 4300 | 4747 | 1358 | 1331 | 2078 | 2702 | 5718 | 5407 | 5424 | 4198 | 4124 | 3084 | 3614 | 4251 |  |
| Veveri                             | 7736 | 4532 | 4413 | 4758 | 2014 | 1066 | 1733 | 2271 | 6427 | 5987 | 5827 | 5395 | 5061 | 4175 | 4438 | 4751 |  |
| Veveri 1                           | 7608 | 4451 | 4355 | 4715 | 1860 | 963  | 1692 | 2261 | 6306 | 5880 | 5740 | 5221 | 4912 | 4007 | 4297 | 4648 |  |
| Vīpes skola 1                      | 5805 | 3420 | 3623 | 4112 | 986  | 1790 | 2171 | 2670 | 4626 | 4384 | 4497 | 2999 | 2969 | 1899 | 2521 | 3315 |  |
| Vīpmali                            | 3739 | 3309 | 3814 | 4264 | 3197 | 4225 | 4207 | 4404 | 2969 | 3127 | 3626 | 458  | 1404 | 1126 | 1749 | 2798 |  |
| Zāļumi                             | 8149 | 4711 | 4456 | 4695 | 2777 | 1756 | 1951 | 2212 | 6811 | 6289 | 6003 | 6182 | 5667 | 4931 | 4996 | 5058 |  |

To be continued on next page...

Project:

ZFT E alternativa Mezares

Licensed user:

SIA Estonian, Latvian & Lithuanian environment

Vilandes 3-6

LV-1010 Riga

0037167242411

Kristiana / kristiana@environment.lv

Calculated:

16/07/2024 7:54 pm/4.0.540

## DECIBEL - Main Result

Calculation: Nordex N175-6.8 MW STE E alternativa 160724

...continued from previous page

|                              | NSA | WTG  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------------------------------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                              |     | E1   | E10  | E11  | E12  | E13  | E14  | E15  | E16  | E2   | E3   | E4   | E5   | E6   | E7   | E8   | E9   |
| Ziedini                      |     | 6055 | 3781 | 3993 | 4482 | 1310 | 1989 | 2463 | 2992 | 4908 | 4696 | 4836 | 3131 | 3216 | 2118 | 2817 | 3656 |
| Ziemeli                      |     | 7855 | 4899 | 4872 | 5268 | 2098 | 1487 | 2300 | 2910 | 6592 | 6224 | 6158 | 5220 | 5073 | 4074 | 4515 | 5019 |
| Ziemeļnieki                  |     | 5630 | 2089 | 1648 | 1745 | 2574 | 2500 | 1678 | 1052 | 4321 | 3697 | 3240 | 4738 | 3805 | 3651 | 3151 | 2621 |
| Zilītes                      |     | 4982 | 3006 | 3328 | 3829 | 1488 | 2483 | 2630 | 2987 | 3861 | 3699 | 3914 | 2108 | 2146 | 1042 | 1807 | 2764 |
| Zilusalā (Ozolsalā)          |     | 6942 | 3388 | 2991 | 3098 | 2766 | 2166 | 1571 | 1196 | 5616 | 5012 | 4588 | 5673 | 4877 | 4474 | 4190 | 3872 |
| Ergliši (Janīte Vuškarņieki) |     | 1559 | 4918 | 5287 | 5260 | 7311 | 8183 | 7671 | 7413 | 2821 | 3310 | 3693 | 4777 | 4398 | 5499 | 4887 | 4542 |
| Ives                         |     | 7633 | 4746 | 4748 | 5160 | 1907 | 1424 | 2247 | 2871 | 6382 | 6031 | 5990 | 4956 | 4837 | 3822 | 4294 | 4839 |
| Kirši                        |     | 7566 | 4633 | 4621 | 5027 | 1815 | 1273 | 2095 | 2717 | 6305 | 5942 | 5885 | 4939 | 4783 | 3786 | 4226 | 4741 |
| Udensrozes                   |     | 6951 | 3398 | 2988 | 3077 | 2861 | 2274 | 1668 | 1269 | 5629 | 5020 | 4583 | 5733 | 4922 | 4541 | 4238 | 3892 |
| Udri                         |     | 7220 | 3836 | 3634 | 3928 | 1855 | 878  | 1016 | 1400 | 5886 | 5383 | 5137 | 5236 | 4710 | 3984 | 4041 | 4145 |