

Proiectant: SC EXPERT GRUP SRL IASI

Nr. Proiect: "EFICIENTĂ ENERGETICĂ ȘI GESTIONARE INTELIGENTĂ A ENERGIEI ÎN INFRASTRUCTURA DE ILUMINAT PUBLIC, ORAȘ BREAZA, JUDEȚUL PRAHOVA"

Titlu: 2367/2021

| Nr. Crt. | Localitate    | Nume Stradă             | Lungime<br>[m] | Lățime<br>[m] | Clasa de iluminat | Rețineri (distanța stâlp- carosabil)<br>[m] | Dispunere aparate iluminat | Total Stâlpi Existenți | Rețea |        | Situția existentă a aparatelor de iluminat |            |              |                 |            |              |                 |            |              | Putere totală [kW] | Energia consumată [kWh] | Total AIL existente | AIL proiectat    |            |                   |            | Putere totală modul telegestione [W] | Coeficient dimare [%] | Putere totală fără telegestione [kW] | Putere totală cu telegestione [kW] | Energia [kWh] | Total Lămpi |
|----------|---------------|-------------------------|----------------|---------------|-------------------|---|----------------------------|------------------------|-------|--------|--|------------|--------------|-----------------|------------|--------------|-----------------|------------|--------------|--------------------|-------------------------|---------------------|------------------|------------|-------------------|------------|--------------------------------------|-----------------------|--------------------------------------|------------------------------------|---------------|-------------|
|          |               |                         |                |               |                   |   |                            |                        | TYIR  | Clasic | Sodiu                                      |            |              | Bec Economic    |            |              | Bec Led         |            |              |                    |                         |                     | Aparat LED Tip I |            | Aparat LED Tip II |            |                                      |                       |                                      |                                    |               |             |
|          |               |                         |                |               |                   |   |                            |                        |       |        | Cantitate (buc)                            | Putere [W] | Pierderi [%] | Cantitate (buc) | Putere [W] | Pierderi [%] | Cantitate (buc) | Putere [W] | Pierderi [%] |                    |                         |                     | Cantitate (buc)  | Putere [W] | Cantitate (buc)   | Putere [W] |                                      |                       |                                      |                                    |               |             |
|          |               |                         |                |               |                   |   |                            |                        |       |        |  |            |              |                 |            |              |                 |            |              |                    |                         |                     |                  |            |                   |            |                                      |                       |                                      |                                    |               |             |
| 1        | Breaza de Jos | Intrarea Narcisei       | 40             | 5             | M6                | 1   | Unilateral                 | 2                      |       | X      | 1  | 250.00     | 15           | 0               | -          | 7            | 1               | 36.00      | 2            | 0.32               | 1,345.51                | 2                   | 2                | 20         |                   |            | 2                                    | 0.7226                | 0.04                                 | 0.04                               | 131.95        | 2           |
| 2        | Breaza de Jos | str. Carierei           | 695            | 5             | M6                | 1+2   | Unilateral                 | 24                     | x     | x      | 5  | 125/250    | 15           | 9               | 65.00      | 7            |                 |            | 2            | 1.63               | 6,773.63                | 14                  | 24               | 20         |                   |            | 2                                    | 0.7226                | 0.48                                 | 0.53                               | 1583.36       | 24          |
| 3        | Breaza de Jos | str. Gurga              | 700            | 5             | M6                | 1+2   | Unilateral                 | 24                     | x     | X      | 0  | -          | 15           | 15              | 65.00      | 7            |                 |            | 2            | 1.04               | 4,329.49                | 15                  | 24               | 20         |                   |            | 2                                    | 0.7226                | 0.48                                 | 0.53                               | 1583.36       | 24          |
| 4        | Breaza de Jos | str. Ocinei - ram.      | 190            | 5             | M6                | 1+2   | Unilateral                 | 7                      | X     |        | 3  | 125.00     | 15           | 3               | 65.00      | 7            |                 |            | 2            | 0.64               | 2,655.59                | 6                   | 7                | 20         |                   |            | 2                                    | 0.7226                | 0.14                                 | 0.15                               | 461.81        | 7           |
| 5        | Breaza de Jos | str. Păcii              | 500            | 5             | M6                | 1+2   | Unilateral                 | 14                     | x     |        | 0  | -          | 15           | 8               | 65.00      | 7            |                 |            | 2            | 0.56               | 2,309.06                | 8                   | 14               | 20         |                   |            | 2                                    | 0.7226                | 0.28                                 | 0.31                               | 923.63        | 14          |
| 6        | Breaza de Jos | str. Parang             | 850            | 5             | M6                | 1+2   | Unilateral                 | 29                     | x     | X      | 0  | -          | 15           | 15              | 65.00      | 7            |                 |            | 2            | 1.04               | 4,329.49                | 15                  | 29               | 20         |                   |            | 2                                    | 0.7226                | 0.58                                 | 0.64                               | 1913.23       | 29          |
| 7        | Breaza de Jos | str. Poienței           | 35             | 5             | M6                | 1+2   | Unilateral                 | 1                      | x     |        | 0  | -          | 15           | 0               | -          | 7            |                 |            | 2            | -                  | -                       | 0                   | 1                | 20         |                   |            | 2                                    | 0.7226                | 0.02                                 | 0.02                               | 65.97         | 1           |
| 8        | Breaza de Jos | str. Primăverii         | 730            | 5             | M6                | 1+2   | Unilateral                 | 20                     | x     | x      | 0  | -          | 15           | 17              | 65.00      | 7            |                 |            | 2            | 1.18               | 4,906.75                | 17                  | 20               | 20         |                   |            | 2                                    | 0.7226                | 0.40                                 | 0.44                               | 1319.47       | 20          |
| 9        | Breaza de Jos | str. Putna              | 280            | 5             | M6                | 1+2   | Unilateral                 | 8                      | x     |        | 0  | -          | 15           | 7               | 65.00      | 7            |                 |            | 2            | 0.49               | 2,020.43                | 7                   | 8                | 20         |                   |            | 2                                    | 0.7226                | 0.16                                 | 0.18                               | 527.79        | 8           |
| 10       | Breaza de Jos | str. Randunecelor       | 500            | 5             | M6                | 1+2   | Unilateral                 | 15                     | x     | X      | 0  | -          | 15           | 9               | 65.00      | 7            |                 |            | 2            | 0.63               | 2,597.69                | 9                   | 15               | 20         |                   |            | 2                                    | 0.7226                | 0.30                                 | 0.33                               | 989.60        | 15          |
| 11       | Frăsinet      | str. Caprioarelor       | 1470           | 5             | M6                | 1+2   | Unilateral                 | 45                     | x     |        | 17   | 250.00     | 15           | 6               | 65.00      | 7            |                 |            | 2            | 5.30               | 22,014.92               | 23                  | 45               | 20         |                   |            | 2                                    | 0.7226                | 0.90                                 | 0.99                               | 2968.80       | 45          |
| 12       | Frăsinet      | str. Duzilor            | 335            | 5             | M6                | 1+2   | Unilateral                 | 9                      | x     |        | 1  | 250.00     | 15           | 3               | 65.00      | 7            |                 |            | 2            | 0.50               | 2,059.02                | 4                   | 9                | 20         |                   |            | 2                                    | 0.7226                | 0.18                                 | 0.20                               | 593.76        | 9           |
| 13       | Frăsinet      | str. Franzelor          | 1200           | 5             | M6                | 1+2   | Unilateral                 | 38                     | x     |        | 5  | 250.00     | 15           | 19              | 65.00      | 7            |                 |            | 2            | 2.76               | 11,449.64               | 24                  | 38               | 20         |                   |            | 2                                    | 0.7226                | 0.76                                 | 0.84                               | 2506.99       | 38          |
| 14       | Frăsinet      | str. Margaretelor       | 220            | 5             | M6                | 1+2   | Unilateral                 | 10                     | x     | x      | 2  | 250.00     | 15           | 2               | 65.00      | 7            |                 |            | 2            | 0.71               | 2,963.52                | 4                   | 10               | 20         |                   |            | 2                                    | 0.7226                | 0.20                                 | 0.22                               | 659.73        | 10          |
| 15       | Frăsinet      | str. Mierlei            | 170            | 5             | M6                | 1+2   | Unilateral                 | 5                      | x     |        | 5  | 250.00     | 15           | 0               | -          | 7            |                 |            | 2            | 1.44               | 5,965.63                | 5                   | 5                | 20         |                   |            | 2                                    | 0.7226                | 0.10                                 | 0.11                               | 329.87        | 5           |
| 16       | Frăsinet      | str. Murelor            | 185            | 5             | M6                | 1+2   | Unilateral                 | 5                      | x     |        | 2  | 250.00     | 15           | 0               | -          | 7            |                 |            | 2            | 0.58               | 2,386.25                | 2                   | 5                | 20         |                   |            | 2                                    | 0.7226                | 0.10                                 | 0.11                               | 329.87        | 5           |
| 17       | Frăsinet      | str. Privighetorilor    | 730            | 5             | M6                | 1+2   | Unilateral                 | 26                     | x     |        | 8  | 250.00     | 15           | 7               | 65.00      | 7            |                 |            | 2            | 2.79               | 11,565.43               | 15                  | 26               | 20         |                   |            | 2                                    | 0.7226                | 0.52                                 | 0.57                               | 1715.31       | 26          |
| 18       | Frăsinet      | str. Visinului          | 270            | 5             | M6                | 1+2   | Unilateral                 | 10                     |       | x      | 4  | 250.00     | 15           | 2               | 65.00      | 7            |                 |            | 2            | 1.29               | 5,349.77                | 6                   | 10               | 20         |                   |            | 2                                    | 0.7226                | 0.20                                 | 0.22                               | 659.73        | 10          |
| 19       | Nistorești    | str. Ciresului          | 230            | 5             | M6                | 1+2   | Unilateral                 | 7                      | x     |        | 0  | -          | 15           | 6               | 65.00      | 7            |                 |            | 2            | 0.42               | 1,731.80                | 6                   | 7                | 20         |                   |            | 2                                    | 0.7226                | 0.14                                 | 0.15                               | 461.81        | 7           |
| 20       | Nistorești    | str. Craitelor          | 280            | 5             | M6                | 1+2   | Unilateral                 | 11                     | x     |        | 0  | -          | 15           | 6               | 65.00      | 7            |                 |            | 2            | 0.42               | 1,731.80                | 6                   | 11               | 20         |                   |            | 2                                    | 0.7226                | 0.22                                 | 0.24                               | 725.71        | 11          |
| 21       | Nistorești    | str. Dorobanti          | 1450           | 5             | M6                | 1+2   | Unilateral                 | 48                     | x     | x      | 0  | -          | 15           | 28              | 65.00      | 7            |                 |            | 2            | 1.95               | 8,081.71                | 28                  | 48               | 20         |                   |            | 2                                    | 0.7226                | 0.96                                 | 1.06                               | 3166.72       | 48          |
| 22       | Nistorești    | str. Mureșului          | 2140           | 6             | M4                | 1+2   | Unilateral                 | 58                     | x     |        | 0  | -          | 15           | 42              | 65.00      | 7            |                 |            | 2            | 2.92               | 12,122.57               | 42                  | 3                | 20         | 55                | 53         | 2                                    | 0.7226                | 2.98                                 | 3.09                               | 9269.26       | 58          |
| 23       | Nistorești    | str. Muresului - ramura | 660            | 5             | M6                | 1+2   | Unilateral                 | 19                     | x     |        | 0  | -          | 15           | 8               | 65.00      | 7            |                 |            | 2            | 0.56               | 2,309.06                | 8                   | 19               | 20         |                   |            | 2                                    | 0.7226                | 0.38                                 | 0.42                               | 1253.49       | 19          |
| 24       | Nistorești    | str. Oradia             | 575            | 5             | M6                | 1+2   | Unilateral                 | 12                     | x     |        | 5  | 250.00     | 15           | 4               | 65.00      | 7            |                 |            | 2            | 1.72               | 7,120.16                | 9                   | 12               | 20         |                   |            | 2                                    | 0.7226                | 0.24                                 | 0.26                               | 791.68        | 12          |
| 25       | Nistorești    | str. Pescarus           | 630            | 5             | M6                | 1+2   | Unilateral                 | 19                     | x     |        | 3  | 250.00     | 15           | 11              | 65.00      | 7            |                 |            | 2            | 1.63               | 6,754.33                | 14                  | 19               | 20         |                   |            | 2                                    | 0.7226                | 0.38                                 | 0.42                               | 1253.49       | 19          |
| 26       | Nistorești    | str. Prundului          | 790            | 5             | M6                | 1+2   | Unilateral                 | 27                     | x     |        | 0  | -          | 15           | 22              | 65.00      | 7            |                 |            | 2            | 1.53               | 6,349.92                | 22                  | 27               | 20         |                   |            | 2                                    | 0.7226                | 0.54                                 | 0.59                               | 1781.28       | 27          |
| 27       | Nistorești    | str. Retezat            | 270            | 5             | M6                | 1+2   | Unilateral                 | 10                     | x     |        | 0  | -          | 15           | 6               | 65.00      | 7            |                 |            | 2            | 0.42               | 1,731.80                | 6                   | 10               | 20         |                   |            | 2                                    | 0.7226                | 0.20                                 | 0.22                               | 659.73        | 10          |
| 28       | Nistorești    | str. Salcamilor         | 695            | 5             | M6                | 1+2   | Unilateral                 | 21                     | x     |        | 0  | -          | 15           | 6               | 65.00      | 7            |                 |            | 2            | 0.42               | 1,731.80                | 6                   | 21               | 20         |                   |            | 2                                    | 0.7226                | 0.42                                 | 0.46                               | 1385.44       | 21          |
| 29       | Podu Corbului | str. Dalilor            | 380            | 5             | M6                | 1+2   | Unilateral                 | 10                     | x     |        | 10   | 250.00     | 15           | 7               | 65.00      | 7            |                 |            | 2            | 3.36               | 13,951.68               | 17                  | 10               | 20         |                   |            | 2                                    | 0.7226                | 0.20                                 | 0.22                               | 659.73        | 10          |
| 30       | Podu Corbului | str. Marului            | 390            | 5             | M6                | 1+2   | Unilateral                 | 9                      | x     | x      | 1  | 250.00     | 15           | 6               | 65.00      | 7            |                 |            | 2            | 0.70               | 2,924.92                | 7                   | 9                | 20         |                   |            | 2                                    | 0.7226                | 0.18                                 | 0.20                               | 593.76        | 9           |
| 31       | Podu Corbului | str. Mesteacămului      | 1200           | 5             | M6                | 1+2   | Unilateral                 | 40                     | x     | x      | 6  | 250.00     | 15           | 23              | 65.00      | 7            |                 |            | 2            | 3.32               | 13,797.30               | 29                  | 40               | 20         |                   |            | 2                                    | 0.7226                | 0.80                                 | 0.88                               | 2638.94       | 40          |
| 32       | Podu Corbului | str. Plopiilor          | 700            | 5             | M6                | 1+2   | Unilateral                 | 23                     | x     |        | 3  | 250.00     | 15           | 12              | 65.00      | 7            |                 |            | 2            | 1.70               | 7,042.97                | 15                  | 23               | 20         |                   |            | 2                                    | 0.7226                | 0.46                                 | 0.51                               | 1517.39       | 23          |
| 33       | Podu Corbului | str. Prunului           | 350            | 5             | M6                | 1+2   | Unilateral                 | 10                     | x     |        | 1  | 250.00     | 15           | 4               | 65.00      | 7            |                 |            | 2            | 0.57               | 2,347.66                | 5                   | 10               | 20         |                   |            | 2                                    | 0.7226                | 0.20                                 | 0.22                               | 659.73        | 10          |
| 34       | Podu Corbului | str. Scolii             | 200            | 5             | M6                | 1+2   | Unilateral                 | 8                      | x     |        | 3  | 250.00     | 15           | 2               | 65.00      | 7            |                 |            | 2            | 1.00               | 4,156.64                | 5                   | 8                | 20         |                   |            | 2                                    | 0.7226                | 0.16                                 | 0.18                               | 527.79        | 8           |
| 35       | Podu Vadului  | str. 23 August          |                | 5             | M6                | 1+2   | Unilateral                 | 20                     | x     | x      | 10   | 250.00     | 15           | 4               | 65.00      | 7            |                 |            | 2            | 3.15               | 13,085.78               | 14                  | 20               | 20         |                   |            | 2                                    | 0.7226                | 0.40                                 | 0.44                               | 1319.47       | 20          |
| 36       | Podu Vadului  | str. Crizantemelor      |                | 5             | M6                | 1+2   | Unilateral                 | 15                     | x     |        |  |            | 15           | 10              | 65.00      | 7            |                 |            | 2            | 0.70               | 2,886.33                | 10                  | 15               | 20         |                   |            | 2                                    | 0.7226                | 0.30                                 | 0.33                               | 989.60        | 15          |
| 37       | Podu Vadului  | str. Limistei           |                | 5             | M6                | 1+2   | Unilateral                 | 17                     | x     | x      |  |            | 15           | 10              | 65.00      | 7            |                 |            | 2            | 0.70               | 2,886.33                | 10                  | 17               | 20         |                   |            | 2                                    | 0.7226                | 0.34                                 | 0.37                               | 1121.55       | 17          |
| 38       | Podu Vadului  | str. Muncii             |                | 5             | M6                | 1+2   | Unilateral                 | 41                     | x     | x      |  |            | 15           | 26              | 65.00      | 7            |                 |            | 2            | 1.81               | 7,504.45                | 26                  | 41               | 20         |                   |            | 2                                    | 0.7226                | 0.82                                 | 0.90                               | 2704.91       | 41          |
| 39       | Podu Vadului  | str. Piatra Arsa        |                | 5             | M6                | 1+2   | Unilateral                 | 5                      |       | x      | 2  | 250.00     | 15           |                 |            | 7            |                 |            | 2            | 0.58               | 2,386.25                | 2                   | 5                | 20         |                   |            | 2                                    | 0.7226                | 0.10                                 | 0.11                               | 329.87        | 5           |
| 40       | Podu Vadului  | str. Pestisori          |                | 5             | M6                | 1+2   | Unilateral                 | 1                      |       | x      |  |            | 15           | 1               | 65.00      | 7            |                 |            | 2            | 0.07               | 288.63                  | 1                   | 1                | 20         |                   |            | 2                                    | 0.7226                | 0.02                                 | 0.02                               | 65.97         | 1           |
| 41       | Surdești      | Fdt Turlea              | 805            | 5             | M6                | 1+2   | Unilateral                 | 19                     | X     | X      |  |            | 15           | 13              | 65.00      | 7            |                 |            | 2            | 0.90               | 3,752.22                | 13                  | 19               | 20         |                   |            | 2                                    | 0.7226                | 0.38                                 | 0.42                               | 1253.49       | 19          |
| 42       | Surdești      | str. Ocinei ram.1       | 120            | 5             | M6                | 1+2   | Unilateral                 | 4                      | x     |        | 0  | -          | 15           | 3               | 65.00      | 7            |                 |            | 2            | 0.21               | 865.90                  | 3                   | 4                | 20         |                   |            | 2                                    | 0.7226                | 0.08                                 | 0.09                               | 263.89        | 4           |
| 43       | Surdești      | str. Ocinei ram.2       | 200            | 5             | M6                | 1+2   | Unilateral                 | 7                      |       | x      | 0  | -          | 15           | 4               | 65.00      | 7            |                 |            | 2            | 0.28               | 1,154.53                | 4                   | 7                | 20         |                   |            | 2                                    | 0.7226                | 0.14                                 | 0.15                               | 461.81        | 7           |
| 44       | Surdești      | str. Surdesti           | 1700           | 5             | M6                | 1+2   | Unilateral                 | 55                     | x     | x      | 0  | -          | 15           | 41              | 65.00      | 7            |                 |            | 2            | 2.85               | 11,833.93               | 41                  | 55               | 20         |                   |            | 2                                    | 0.7226                | 1.10                                 | 1.21                               | 3628.54       | 55          |
| 45       | Valea Târsei  | Intrarea Catinei        | 260            | 5             | M6                | 1+2   | Unilateral                 | 8                      | x     |        |  |            | 15           | 7               | 65.00      | 7            |                 |            | 2            | 0.49               | 2,020.43                | 7                   | 8                | 20         |                   |            | 2                                    | 0.7226                | 0.16                                 | 0.18                               | 527.79        | 8           |
| 46       | Valea Târsei  | str. Drum Nou           | 1880           | 5             | M6                | 1+2   | Unilateral                 | 74                     | x     |        | 0  | -          | 15           | 53              | 65.00      | 7            |                 |            | 2            | 3.69               | 15,297.52               | 53                  | 74               | 20         |                   |            | 2                                    | 0.7226                | 1.48                                 | 1.63                               | 4882.03       | 74          |
| 47       | Valea Târsei  | str. Ocinei - ram.      | 185            | 5             | M6                | 1+2   | Unilateral                 | 3                      | x     |        | 2  | 125.00     | 15           |                 |            |              |                 |            | 2            | 0.29               | 1,193.13                | 2                   | 3                | 20         |                   |            | 2                                    | 0.7226                | 0.06                                 | 0.07                               | 197.92        | 3           |
| 48       | Valea Târsei  | str. Rafacea            | 285            | 5             | M6                | 1+2   | Unilateral                 | 11                     | x     |        |  |            | 15           | 6               | 65.00      | 7            |                 |            | 2            | 0.42               | 1,731.80                | 6                   | 11               | 20         |                   |            | 2                                    | 0.72                  |                                      |                                    |               |             |