

**AUDIT ENERGETIC - SITUATIE EXISTENTA - SFANTU GHEORGHE - LOT 1**

| SITUATIE SISTEM EXISTENT |                        |                                    |           |            |      |                  |                     |                                     |  |   | SITUATIE SISTEM EXISTENT EXTINS IPOTETIC |            |      |                  |                     |                                     |  |   |
|--------------------------|------------------------|------------------------------------|-----------|------------|------|------------------|---------------------|-------------------------------------|--|---|--|------------|------|------------------|---------------------|-------------------------------------|--|---|
| NR CRT                   | Denumire strada        | Tronson                            | NR STALPI | TIP APARAT | CANT | PUTERE UTILA [W] | PIERDERI BALAST [W] | ENERGIE UTILA FLUX LUMINOS (kWh/an) | ENERGIE PIERDERI ELECTROMAGNETICE (kWh/an) | ENERGIA ELECTRICA CONSUMATA ANUAL [kWh] | NUMAR STALPI                             | TIP APARAT | CANT | PUTERE UTILA [W] | PIERDERI BALAST [W] | ENERGIE UTILA FLUX LUMINOS (kWh/an) | ENERGIE PIERDERI ELECTROMAGNETICE (kWh/an) | ENERGIA ELECTRICA CONSUMATA ANUAL [kWh] |
| 1                        | Horia Closca si Crisan | intre Varadi Jozsef si Konsza Samu | 9         | HG 125W    | 6    | 125              | 18                  | 3284.25                             | 472.93                                     | 3757.18                                 | 9  | HG 125W    | 9    | 125              | 18                  | 4926.375                            | 709.40                                     | 5635.77                                 |
| 2                        | Cimitirului            |                                    | 0         |            | 0    |                  | 0                   | 0                                   | 0.00                                       | 0.00                                    | 5  | HG 125W    | 5    | 125              | 18                  | 2736.875                            | 394.11                                     | 3130.99                                 |
| 3                        | Voican                 | zona padure                        | 5         |            | 0    |                  | 0                   | 0                                   | 0.00                                       | 0.00                                    | 5  | HG 125W    | 5    | 125              | 18                  | 2736.875                            | 394.11                                     | 3130.99                                 |
|                          |                        | tronson padure - Ciucului          | 20        | HG 125W    | 12   | 125              | 18                  | 6568.5                              | 945.86                                     | 7514.36                                 | 20                                       | HG 125W    | 20   | 125              | 18                  | 10947.5                             | 1576.44                                    | 12523.94                                |
| 4                        | Erege                  | intre Varadi Jozsef si Konsza Samu | 6         | HG 125W    | 3    | 125              | 18                  | 1642.125                            | 236.47                                     | 1878.59                                 | 6  | HG 125W    | 6    | 125              | 18                  | 3284.25                             | 472.93                                     | 3757.18                                 |
| 5                        | Dozsa Gyorgy           | intre Kos Karoly si Bolyai janos   | 15        | HG 125W    | 9    | 125              | 18                  | 4926.375                            | 709.40                                     | 5635.77                                 | 15                                       | HG 125W    | 15   | 125              | 18                  | 8210.625                            | 1182.33                                    | 9392.96                                 |
| 6                        | Campului               |                                    | 12        | HG 125W    | 8    | 125              | 18                  | 4379                                | 630.58                                     | 5009.58                                 | 12                                       | HG 125W    | 12   | 125              | 18                  | 6568.5                              | 945.86                                     | 7514.36                                 |
| TOTAL :                  |                        |                                    |           |            |      |                  |                     | 20800.25                            | 2995.24                                    | 23795.49                                | TOTAL :                                  |            |      |                  |                     | 39411.00                            | 5675.18                                    | 45086.18                                |

**AUDIT ENERGETIC - SITUATIE EXISTENTA - SFANTU GHEORGHE - LOT 1 - FOTOVOLTAIC**

| Nr.<br>Crt. | Denumire strada | SITUATIE SISTEM EXISTENT |               |      |                        |                           |  |  |   | SITUATIE SISTEM EXISTENT EXTINS IPOTETIC |            |      |                        |                           |   |  |   |
|-------------|-----------------|--------------------------|---------------|------|------------------------|---------------------------|--|--|---|--|------------|------|------------------------|---------------------------|---|--|---|
|             |                 | NR<br>STALPI             | TIP<br>APARAT | CANT | PUTERE<br>UTILA<br>[W] | PIERDERI<br>BALAST<br>[W] | ENERGIE<br>UTILA FLUX<br>LUMINOS<br>(kWh/an) | ENERGIE PIERDERI<br>ELECTROMAGNETICE<br>(kWh/an) | ENERGIA<br>ELECTRICA<br>CONSUMATA<br>ANUAL<br>[kWh] | NR<br>STALPI                             | TIP APARAT | CANT | PUTERE<br>UTILA<br>[W] | PIERDERI<br>BALAST<br>[W] | ENERGIE UTILA<br>FLUX LUMINOS<br>(kWh/an) | ENERGIE PIERDERI<br>ELECTROMAGNETICE<br>(kWh/an) | ENERGIA<br>ELECTRICA<br>CONSUMATA<br>ANUAL<br>[kWh] |
| 1           | CETATII         | 0                        |               | 0    | 0                      | 0                         |  |  |   | 5  | HG125W     | 5    | 125                    | 18                        | 2736.875                                  | 394.11   | 3130.99   |
|             |                 | TOTAL :                  |               |      |                        |                           | 0.00   | 0.00   | 0.00  | TOTAL :                                  |            |      |                        |                           | 2736.88                                   | 394.11   | 3130.99   |

**AUDIT ENERGETIC - SITUATIE PROIECTATA - SFANTU GHEORGHE - LOT 1**

| SITUATIE PROIECTATA - SCENARIUL 1 - RECOMANDAT |                        |                                    |           |            |      |                  |                     |                           |  |  |  |  | SITUATIE PROIECTATA - SCENARIUL 2 |            |      |                  |                     |                           |  |  |  |  |
|--|------------------------|------------------------------------|-----------|------------|------|------------------|---------------------|---------------------------|--|--|--|--|-----------------------------------|------------|------|------------------|---------------------|---------------------------|--|--|--|--|
| NR CRT   | Denumire strada        | Tronson                            | NR STALPI | TIP APARAT | CANT | PUTERE UTILA [W] | PIERDERI BALAST [W] | CONSUM MODUL TELEGESTIUNE | ENERGIE UTILA FLUX LUMINOS INCLUSIV DIMMING (kWh/an) | ENERGIE UTILA SISTEM TELEGESTIUNE (kWh/an) | ENERGIE PIERDERI ELECTROMAGNETICE (kWh/an) | ENERGIA ELECTRICA CONSUMATA ANUAL CU DIMMING [kWh] | NR STALPI                         | TIP APARAT | CANT | PUTERE UTILA [W] | PIERDERI BALAST [W] | CONSUM MODUL TELEGESTIUNE | ENERGIE UTILA FLUX LUMINOS INCLUSIV DIMMING (kWh/an) | ENERGIE UTILA SISTEM TELEGESTIUNE (kWh/an) | ENERGIE PIERDERI ELECTROMAGNETICE (kWh/an) | ENERGIA ELECTRICA CONSUMATA ANUAL CU DIMMING [kWh] |
| 1  | Horia Closca si Crisan | intre Varadi Jozsef si Konsza Samu | 8         | AIL LED    | 8    | 80               | 0                   | 2                         | 2522.24  | 140.16                                     | 0.00                                       | 2662.40  | 8                                 | HPS        | 8    | 150              | 22.5                | 2                         | 4729.20  | 140.16                                     | 788.22                                     | 5657.58  |
| 2  | Cimitirului            |                                    | 4         | AIL LED    | 5    | 30               | 0                   | 2                         | 591.15   | 87.60                                      | 0.00                                       | 678.75   | 4                                 | HPS        | 5    | 50               | 8                   | 2                         | 985.25   | 87.60                                      | 175.16                                     | 1248.01  |
| 3  | Voican                 | zona padure                        | 6         | AIL LED    | 6    | 30               | 0                   | 2                         | 709.38   | 105.12                                     | 0.00                                       | 814.50   | 6                                 | HPS        | 6    | 50               | 8                   | 2                         | 1182.30  | 105.12                                     | 210.19                                     | 1497.61  |
|  |                        | tronson padure - Ciucului          | 20        | AIL LED    | 21   | 50               | 0                   | 2                         | 4138.05  | 367.92                                     | 0.00                                       | 4505.97  | 20                                | HPS        | 21   | 100              | 14                  | 2                         | 8276.10  | 367.92                                     | 1287.43                                    | 9931.45  |
| 4  | Erege                  | intre Varadi Jozsef si Konsza Samu | 5         | AIL LED    | 5    | 50               | 0                   | 2                         | 985.25   | 87.60                                      | 0.00                                       | 1072.85  | 5                                 | HPS        | 5    | 100              | 14                  | 2                         | 1970.50  | 87.60                                      | 306.53                                     | 2364.63  |
| 5  | Dozsa Gyorgy           | intre Kos Karoly si Bolyai Janos   | 16        | AIL LED    | 18   | 50               | 0                   | 2                         | 3546.90  | 315.36                                     | 0.00                                       | 3862.26  | 16                                | HPS        | 18   | 100              | 14                  | 2                         | 7093.80  | 315.36                                     | 1103.51                                    | 8512.67  |
| 6  | Campului               |                                    | 14        | AIL LED    | 14   | 50               | 0                   | 2                         | 2758.70  | 245.28                                     | 0.00                                       | 3003.98  | 14                                | HPS        | 14   | 100              | 14                  | 2                         | 5517.40  | 245.28                                     | 858.28                                     | 6620.96  |
| TOTAL :  |                        |                                    |           |            |      |                  |                     |                           | 15251.67   | 1349.04                                    | 0.00                                       | 16600.71   | TOTAL :                           |            |      |                  |                     | 29754.55                  | 1349.04  | 4729.32                                    | 35832.91                                   |  |

**AUDIT ENERGETIC - SITUATIE PROIECTATA - SFANTU GHEORGHE - LOT 1 - FOTOVOLTAIC**

| Nr. Crt. | Denumire strada | SITUATIE PROIECTATA - SCENARIUL 1 - RECOMANDAT |            |      |                  |                     |                           |  |  |  |  | SITUATIE PROIECTATA - SCENARIUL 2 |            |      |                  |                     |                           |  |  |  |  |
|----------|-----------------|--|------------|------|------------------|---------------------|---------------------------|--|--|--|--|-----------------------------------|------------|------|------------------|---------------------|---------------------------|--|--|--|--|
|          |                 | NR STALPI                                      | TIP APARAT | CANT | PUTERE UTILA [W] | PIERDERI BALAST [W] | CONSUM MODUL TELEGESTIUNE | ENERGIE UTILA FLUX LUMINOS INCLUSIV DIMMING (kWh/an) | ENERGIE UTILA SISTEM TELEGESTIUNE (kWh/an) | ENERGIE PIERDERI ELECTROMAGNETICE (kWh/an) | ENERGIA ELECTRICA CONSUMATA ANUAL CU DIMMING [kWh] | NR STALPI                         | TIP APARAT | CANT | PUTERE UTILA [W] | PIERDERI BALAST [W] | CONSUM MODUL TELEGESTIUNE | ENERGIE UTILA FLUX LUMINOS INCLUSIV DIMMING (kWh/an) | ENERGIE UTILA SISTEM TELEGESTIUNE (kWh/an) | ENERGIE PIERDERI ELECTROMAGNETICE (kWh/an) | ENERGIA ELECTRICA CONSUMATA ANUAL CU DIMMING [kWh] |
| 1        | CETATII         | 5  | AIL LED    | 5    | 30               | 0                   | 2                         | 591.15   | 87.60                                      | 0.00                                       | 678.75   | 5                                 | HPS        | 5    | 70               | 10.5                | 2                         | 1379.35  | 87.60                                      | 229.90                                     | 1696.85  |
| TOTAL :  |                 |  |            |      |                  |                     |                           | 591.15   | 87.60                                      | 0.00                                       | 678.75   | TOTAL :                           |            |      |                  |                     |                           | 1379.35  | 87.6                                       | 229.8975                                   | 1696.8475  |