



**RATE SCHEDULE E-47
CLASSIFIED SERVICE
DUSK TO DAWN LIGHTING SERVICE**

AVAILABILITY

This rate schedule is applicable to Customers for Dusk to Dawn lighting.

This rate schedule is frozen as of December 1, 2021. This means a Customer that was already taking service under this rate schedule before that date may continue service under this rate schedule, but no Customers connecting service after that date will be eligible to choose to be served under this rate schedule.

DESCRIPTION

The E-47 rate is available to Customers with Dusk to Dawn lights. These lights are on the Customer's property or a private street, and the Customer is charged a monthly fee for the light. This rate schedule is applicable to outdoor lighting which operates only from dusk to dawn and where service can be supplied from the existing secondary facilities of the Company.

TIME PERIOD

Dusk: The time between sunset and full night when photocontrol senses the lack of sufficient sunlight and turns on the lights.

Dawn: The time between full night and sunrise when a photocontrol senses sufficient sunlight to turn off lights.

CHARGES

The monthly bill will consist of the following charges, plus adjustments:

I. FIXTURES (Includes Mounting Arm, if Applicable)

| | Lumen | Watts | kWh | CHARGES | |
|------------------|------------|-------|-----|---------------|----------------|
| | | | | Company Owned | Customer Owned |
| A. Acorn | 3,835 LED | 75 | 26 | \$21.19 | \$2.68 |
| | 4,796 LED | 75 | 26 | \$17.02 | \$2.63 |
| | 5,003 LED | 100 | 35 | \$22.97 | \$3.54 |
| | 5,904 LED | 100 | 35 | \$22.56 | \$3.54 |
| | 6,000 IND | 85 | 29 | \$18.85 | \$2.92 |
| B. Architectural | 6,200 IND | 85 | 29 | \$9.92 | \$2.92 |
| | 8,400 IND | 100 | 34 | \$10.47 | \$3.32 |
| | 10,200 IND | 120 | 41 | \$11.51 | \$3.87 |
| | 13,000 IND | 150 | 52 | \$12.71 | \$4.74 |



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| | CHARGES | | | | |
|--------------------------|------------|-------|---------|---------------|----------------|
| | Lumen | Watts | kWh | Company Owned | Customer Owned |
| B. Architectural (con't) | 20,500 IND | 200 | 69 | \$14.48 | \$6.10 |
| | 22,500 IND | 265 | 91 | \$17.27 | \$7.85 |
| | 3,300 LED | 43 | 15 | \$10.03 | \$1.53 |
| | 3,800 LED | 32 | 12 | \$7.57 | \$1.22 |
| | 3,900 LED | 32 | 12 | \$9.76 | \$1.25 |
| | 4,050 LED | 63 | 22 | \$18.25 | \$2.28 |
| | 4,100 LED | 45 | 16 | \$10.13 | \$1.63 |
| | 4,800 LED | 41 | 15 | \$8.10 | \$1.51 |
| | 5,000 LED | 41 | 15 | \$9.41 | \$1.52 |
| | 5,100 LED | 60 | 21 | \$9.97 | \$2.08 |
| | 5,300 LED | 67 | 24 | \$10.26 | \$2.36 |
| | 5,800 LED | 94 | 32 | \$17.44 | \$3.16 |
| | 5,890 LED | 89 | 31 | \$20.14 | \$3.13 |
| | 6,000 LED | 62 | 22 | \$18.25 | \$2.28 |
| | 6,000 LED | 67 | 24 | \$19.48 | \$2.48 |
| | 6,810 LED | 101 | 35 | \$18.50 | \$3.49 |
| | 7,100 LED | 62 | 22 | \$19.30 | \$2.29 |
| | 7,400 LED | 127 | 44 | \$20.00 | \$4.11 |
| | 7,500 LED | 73 | 26 | \$19.67 | \$2.66 |
| | 7,700 LED | 86 | 30 | \$18.03 | \$3.02 |
| | 8,200 LED | 88 | 31 | \$10.24 | \$3.01 |
| | 8,200 LED | 95 | 33 | \$11.63 | \$3.20 |
| | 8,300 LED | 72 | 25 | \$17.56 | \$2.55 |
| | 8,300 LED | 106 | 37 | \$12.19 | \$3.58 |
| | 8,500 LED | 88 | 31 | \$11.45 | \$3.03 |
| | 9,020 LED | 139 | 48 | \$22.47 | \$4.71 |
| | 9,900 LED | 130 | 45 | \$13.54 | \$4.33 |
| | 10,000 LED | 93 | 32 | \$20.99 | \$3.23 |
| | 10,000 LED | 113 | 39 | \$12.99 | \$3.78 |
| | 10,600 LED | 126 | 44 | \$22.10 | \$4.34 |
| | 11,100 LED | 108 | 38 | \$12.50 | \$3.67 |
| | 11,500 LED | 108 | 38 | \$12.89 | \$3.68 |
| | 12,300 LED | 203 | 70 | \$24.96 | \$6.18 |
| 12,900 LED | 119 | 41 | \$21.85 | \$4.06 | |
| 13,260 LED | 202 | 70 | \$26.55 | \$6.80 | |
| 14,000 LED | 171 | 59 | \$25.54 | \$5.78 | |
| 15,000 LED | 136 | 47 | \$24.42 | \$4.66 | |
| 15,400 LED | 144 | 50 | \$24.69 | \$4.94 | |
| 18,300 LED | 162 | 56 | \$15.80 | \$5.38 | |
| 19,200 LED | 257 | 89 | \$26.32 | \$8.54 | |
| 20,000 LED | 258 | 89 | \$26.32 | \$8.54 | |
| 20,300 LED | 193 | 67 | \$16.82 | \$6.40 | |



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| | Lumen | Watts | kWh | CHARGES | | |
|-------------------------|-------------|-------------|------------|---------------|----------------|--------|
| | | | | Company Owned | Customer Owned | |
| B. Architectural (cont) | 21,000 LED | 193 | 67 | \$24.26 | \$6.48 | |
| C. Cobra | 6,200 IND | 75 | 26 | \$10.32 | \$2.68 | |
| | 6,400 IND | 85 | 29 | \$8.79 | \$2.92 | |
| | 8,000 IND | 88 | 30 | \$10.26 | \$3.00 | |
| | 8,400 IND | 100 | 34 | \$9.50 | \$3.32 | |
| | 10,200 IND | 120 | 41 | \$10.23 | \$3.87 | |
| | 13,000 IND | 150 | 52 | \$11.26 | \$4.74 | |
| | 15,250 IND | 200 | 69 | \$13.58 | \$6.10 | |
| | 22,500 IND | 250 | 86 | \$18.17 | \$7.44 | |
| | Gray/Bronze | 3,500 IND | 55 | 19 | \$10.28 | \$2.12 |
| | | 6,000 LED | 95 | 33 | \$16.70 | \$3.24 |
| | | 8,700 LED | 142 | 49 | \$18.78 | \$4.51 |
| | | 9,600 LED | 157 | 54 | \$19.98 | \$4.91 |
| | | 11,600 B- | 181 | 62 | \$18.64 | \$5.53 |
| | | Gray/Bronze | 3,300 LED | 43 | \$8.82 | \$1.80 |
| | | Gray/Bronze | 5,300 LED | 67 | \$10.24 | \$2.44 |
| | | Gray/Bronze | 8,300 LED | 106 | \$13.27 | \$3.56 |
| | | Gray/Bronze | 10,500 LED | 130 | \$14.77 | \$4.19 |
| | Gray/Bronze | 20,000 LED | 258 | \$25.67 | \$7.70 | |
| D. Decorative Transit | 5,300 LED | 75 | 26 | \$27.86 | \$2.68 | |
| | 8,300 LED | 100 | 34 | \$29.83 | \$3.32 | |
| | 8,147 LED | 75 | 26 | \$35.03 | \$2.86 | |
| | 9,522 LED | 100 | 35 | \$35.40 | \$3.69 | |
| | 10,500 LED | 150 | 52 | \$32.02 | \$4.74 | |
| | 14,896 LED | 150 | 52 | \$39.16 | \$5.30 | |
| | Double | 8,147 LED | 75 | 26 | \$63.41 | \$3.06 |
| | Double | 9,522 LED | 100 | 35 | \$63.34 | \$3.90 |
| | Double | 14,896 LED | 100 | 52 | \$69.22 | \$5.48 |
| | | Copper | 6,000 IND | 85 | \$18.48 | \$2.92 |
| | Gray/Black | 8,000 IND | 88 | \$14.56 | \$3.00 | |
| | Gray/Black | 4,350 LED | 86 | \$13.20 | \$3.00 | |
| E. Flood | 14,470 LED | 148 | 51 | \$23.44 | \$5.02 | |
| | 16,000 LED | 125 | 43 | \$22.70 | \$4.27 | |
| F. Pendant | 8,678 LED | 75 | 26 | \$25.82 | \$2.74 | |
| | 13,964 LED | 100 | 35 | \$27.27 | \$3.59 | |
| G. Post Top | 4,350 LED | 86 | 30 | \$13.15 | \$2.95 | |
| | 6,400 LED | 30 | 30 | \$13.15 | \$2.95 | |
| | 6,600 LED | 83 | 29 | \$13.06 | \$2.85 | |
| H. Roadway | 3,300 LED | 43 | 15 | \$9.27 | \$1.52 | |
| | 3,800 LED | 32 | 12 | \$7.09 | \$1.22 | |
| | 3,900 LED | 32 | 12 | \$8.99 | \$1.24 | |
| | 4,100 LED | 45 | 16 | \$9.36 | \$1.62 | |



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| | | | | CHARGES | |
|---------------|------------|-------|---------|---------------|----------------|
| | Lumen | Watts | kWh | Company Owned | Customer Owned |
| H. Roadway | 4,800 LED | 41 | 15 | \$7.60 | \$1.50 |
| | 5,000 LED | 41 | 15 | \$8.93 | \$1.52 |
| | 5,100 LED | 60 | 21 | \$9.49 | \$2.08 |
| | 5,300 LED | 67 | 24 | \$9.78 | \$2.36 |
| | 8,200 LED | 88 | 31 | \$9.52 | \$3.00 |
| | 8,200 LED | 95 | 33 | \$11.13 | \$3.19 |
| | 8,300 LED | 106 | 37 | \$11.50 | \$3.57 |
| | 8,500 LED | 88 | 31 | \$10.95 | \$3.02 |
| | 9,900 LED | 130 | 45 | \$13.04 | \$4.32 |
| | 10,000 LED | 113 | 39 | \$12.49 | \$3.77 |
| | 11,100 LED | 108 | 38 | \$11.78 | \$3.67 |
| | 11,500 LED | 108 | 38 | \$12.39 | \$3.67 |
| | 18,300 LED | 162 | 56 | \$14.92 | \$5.36 |
| | 19,200 LED | 257 | 89 | \$18.72 | \$8.44 |
| | 20,000 LED | 258 | 89 | \$18.72 | \$8.44 |
| | 20,300 LED | 193 | 67 | \$15.94 | \$6.38 |
| 21,000 LED | 193 | 67 | \$16.66 | \$6.39 | |
| Acorn | 4,000 INC | 295 | 103 | \$10.32 | \$5.77 |
| | 7,000 MV | 175 | 73 | \$7.67 | \$13.37 |
| | 20,000 MV | 400 | 150 | \$26.29 | \$14.90 |
| | 9,500 HPS | 100 | 41 | \$28.54 | \$9.73 |
| | 16,000 HPS | 150 | 69 | \$31.69 | \$12.29 |
| Architectural | 9,500 HPS | 100 | 41 | \$16.22 | \$7.53 |
| | 16,000 HPS | 150 | 69 | \$18.94 | \$10.36 |
| | 30,000 HPS | 250 | 99 | \$22.48 | \$13.29 |
| | 50,000 HPS | 400 | 153 | \$27.74 | \$19.13 |
| | 14,000 MH | 175 | 72 | \$22.70 | \$12.44 |
| | 21,000 MH | 250 | 101 | \$25.77 | \$15.34 |
| | 36,000 MH | 400 | 159 | \$32.22 | \$21.10 |
| | 8,000 LPS | 55 | 30 | \$23.59 | \$10.36 |
| | 13,500 LPS | 90 | 50 | \$27.81 | \$12.50 |
| | 22,500 LPS | 135 | 72 | \$31.77 | \$15.24 |
| 33,000 LPS | 180 | 90 | \$38.21 | \$17.95 | |
| Cobra Roadway | 5,800 HPS | 70 | 29 | \$9.21 | \$5.45 |
| | 9,500 HPS | 100 | 41 | \$10.84 | \$6.67 |
| | 16,000 HPS | 150 | 69 | \$13.58 | \$9.31 |
| | 30,000 HPS | 250 | 99 | \$16.38 | \$12.10 |
| | 50,000 HPS | 400 | 153 | \$22.22 | \$17.27 |
| | 14,000 MH | 175 | 72 | \$15.79 | \$10.76 |
| | 21,000 MH | 250 | 101 | \$18.45 | \$13.39 |
| | 36,000 MH | 400 | 159 | \$24.30 | \$18.60 |
| 8,000 FL | 100 | 38 | \$18.15 | \$5.32 | |



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| | | | | CHARGES | |
|------------------------------------------------|------------|-----------|-----|---------------|----------------|
| | Lumen | Watts | kWh | Company Owned | Customer Owned |
| Decorative Transit | 9,500 HPS | 100 | 41 | \$39.13 | \$11.71 |
| | 16,000 HPS | 150 | 69 | \$38.91 | \$6.66 |
| | 30,000 HPS | 250 | 99 | \$44.80 | \$16.91 |
| Flood | 30,000 HPS | 250 | 99 | \$21.74 | \$13.51 |
| | 50,000 HPS | 400 | 153 | \$26.97 | \$18.75 |
| | 21,000 MH | 250 | 101 | \$23.20 | \$14.28 |
| | 36,000 MH | 400 | 159 | \$28.30 | \$19.35 |
| Post Top | 8,000 FL | 100 | 38 | \$19.56 | \$5.52 |
| | Colonial | 9,500 HPS | 100 | \$11.19 | \$7.01 |
| | Colonial | 9,500 HPS | 100 | \$12.88 | \$7.26 |
| | Decorative | 9,500 HPS | 100 | \$34.25 | \$10.80 |
| Brackets over 8 ft. and up to 16 ft. in length | | | | \$1.81 | — |

The following lamps will be available for 90 days following the effective date of revision 57. At that time, these lamps will be frozen consistent with all other elements of the rate schedule.

| | | | | CHARGES | |
|------------------------------|------------|-------|-----|---------------|----------------|
| | Lumens | Watts | kWh | Company Owned | Customer Owned |
| ARCHITECTURAL/RW BRONZE | 4,300 LED | 45 | 16 | \$10.34 | \$1.66 |
| | 20,100 LED | 174 | 60 | \$16.51 | \$5.87 |
| | 21,000 LED | 174 | 60 | \$24.11 | \$5.96 |
| COBRA/GRAY | 20,100 LED | 174 | 60 | \$15.61 | \$5.85 |
| | 21,000 LED | 174 | 60 | \$16.35 | \$5.86 |
| ROADWAY/GRAY | 4,300 LED | 45 | 16 | \$9.79 | \$1.65 |
| | 5,400 LED | 60 | 21 | \$9.69 | \$2.12 |
| | 8,600 LED | 95 | 33 | \$11.36 | \$3.26 |
| POST TOP/SALEM BLACK | 6,400 LED | 83 | 29 | \$12.49 | \$2.90 |
| | 4,350 LED | 86 | 30 | \$12.59 | \$3.00 |
| TOWN AND COUNTRY/GRAY | 5,600 LED | 56 | 20 | \$9.16 | \$2.02 |
| TOWN AND COUNTRY/BLACK | 5,600 LED | 56 | 20 | \$9.16 | \$2.02 |
| DECORATIVE TRANSIT/SINGLE | 3,720 LED | 37 | 13 | \$38.81 | \$1.74 |



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| | | | | | |
|-------------------------------------|------------|----|----|---------|--------|
| ROADWAY ARCHITECTURAL -BRONZE | 3,408 LED | 31 | 11 | \$8.38 | \$1.16 |
| | 4,800 LED | 43 | 15 | \$8.76 | \$1.54 |
| | 4,900 LED | 43 | 15 | \$8.61 | \$1.54 |
| | 7,810 LED | 68 | 24 | \$11.21 | \$2.42 |
| | 8,165 LED | 68 | 24 | \$11.20 | \$2.42 |
| | 11,000 LED | 96 | 34 | \$12.19 | \$3.37 |
| | 11,500 LED | 98 | 34 | \$12.15 | \$3.37 |
| COBRA ROADWAY/GRAY | 3,408 LED | 31 | 11 | \$7.75 | \$1.15 |
| | 4,800 LED | 43 | 15 | \$8.13 | \$1.53 |
| | 4,900 LED | 43 | 15 | \$8.18 | \$1.53 |
| | 7,810 LED | 68 | 24 | \$10.41 | \$2.41 |
| | 8,165 LED | 68 | 24 | \$10.60 | \$2.41 |
| | 11,000 LED | 96 | 34 | \$11.39 | \$3.36 |
| | 11,500 LED | 96 | 34 | \$11.29 | \$3.36 |
| FLOOD | 14,500 LED | 96 | 34 | \$14.71 | \$3.40 |

- NOTES:
1. Company Owned fixtures are those fixtures that the Company installs, owns, and operates.
 2. Customer Owned fixtures are those fixtures where the Customer owns and maintains the lighting fixtures, and the Company approves the installation, operates the fixtures, and replaces Company standard lamps only. The Company may replace standard lamps if it has a maintenance agreement with the customer.
 3. Listed kWh reflect the assigned monthly energy usage for each type of fixture and are used to determine any applicable transmission, system benefit, distribution, energy, and adjustment charges.
 4. HPS = High Pressure Sodium
 5. MH = Metal Halide
 6. LPS = Low Pressure Sodium
 7. FL = Fluorescent



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- 8. INC = Incandescent. Incandescent lighting charges are applicable and available only to those Customers being served and those installations in service on April 21, 1983.
- 9. MV = Mercury Vapor. Mercury Vapor lighting charges are applicable and available only to those Customers being served and those installation in service on June 1, 1987 in accordance with A.R.S. §49-1104(A).
- 10. LED = Light Emitting Diode
- 11. IND = Induction
- 13. B-LED = Beta Light Emitting Diode

II. POLES

| | | | CHARGES | | |
|-----------------------------------|--------------------|--------------------|---------|---------------|---------|
| | | | Height | Company Owned | |
| A. Anchor Base Mounted | Round Steel | 1 Simplex Adapter | 12 ft. | \$12.84 | |
| | | | 22 ft. | \$14.45 | |
| | | | 25 ft. | \$15.64 | |
| | | | 30 ft. | \$17.96 | |
| | | | 32 ft. | \$18.87 | |
| | Round Steel | 2 Simplex Adapters | 12 ft. | \$13.69 | |
| | | | 22 ft. | \$15.73 | |
| | | | 25 ft. | \$16.41 | |
| | | | 30 ft. | \$19.07 | |
| | | | 32 ft. | \$20.34 | |
| | Square Steel | 5" | 13 ft. | \$14.72 | |
| | | | 15 ft. | \$13.15 | |
| | | | 23 ft. | \$15.60 | |
| | | | 25 ft. | \$17.15 | |
| | | | 28 ft. | \$19.04 | |
| | | 32 ft. | \$18.93 | | |
| | | Concrete | | 12 ft. | \$43.87 |
| | | Fiberglass | | 12 ft. | \$37.15 |
| | | Decorative Transit | 4" | 16 ft. | \$36.22 |
| | Decorative Transit | 6" | 30 ft. | \$69.93 | |
| | Hinged | Square | 15 ft. | \$13.92 | |
| | | Round | 19 ft. | \$12.59 | |
| B. Anchor Base Mounted (Pedestal) | Round Steel | 1 Simplex Adapter | 12 ft. | \$12.35 | |
| | | | 22 ft. | \$13.97 | |
| | | | 25 ft. | \$15.14 | |



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| | | | CHARGES | | |
|----------------------------------------|--------------|---------------------------|--------------|---------------|---------|
| | | | Height | Company Owned | |
| B. Anchor Base Mounted (cont) | Round Steel | 2 Simplex Adapters | 30 ft. | \$17.48 | |
| | | | 32 ft. | \$18.37 | |
| | | | 12 ft. | \$13.19 | |
| | | | 22 ft. | \$14.74 | |
| | | | 25 ft. | \$15.91 | |
| | | | 30 ft. | \$18.58 | |
| | Square Steel | 3 Bolt Arm 5" | 32 ft. | \$19.84 | |
| | | | 32 ft. | \$22.80 | |
| | | | 13 ft. | \$14.24 | |
| | | | 15 ft. | \$14.56 | |
| | | | 23 ft. | \$15.11 | |
| | | | 25 ft. | \$16.67 | |
| | | | 28 ft. | \$18.52 | |
| C. Direct Bury | Round Steel | | 19 ft. | \$19.43 | |
| | | | 30 ft. | \$15.17 | |
| | | | 38 ft. | \$18.51 | |
| | | | Self-Support | 40 ft. | \$22.80 |
| | | | Stepped | 25 ft. | \$52.45 |
| | | | 32 ft. | \$55.24 | |
| | Square Steel | 4" | 49 ft. | \$68.57 | |
| | | | 34 ft. | \$16.74 | |
| | | | 5" | 20 ft. | \$15.90 |
| | | | 30 ft. | \$16.57 | |
| | | 8" | 38 ft. | \$17.98 | |
| | | | 28 ft. | \$30.01 | |
| | | Decorative Transit | | 32 ft. | \$31.37 |
| | | | | 41 ft. 6 in. | \$21.60 |
| 47 ft. | \$26.91 | | | | |
| Steel Distribution Pole (for lighting) | 35 ft. | | | \$24.84 | |
| D. Post Top | | Decorative Transit Anchor | 16 ft. | \$37.00 | |
| | | Gray Steel/Fiberglass | 23 ft. | \$12.83 | |
| | | Black Steel | 23 ft. | \$14.14 | |
| Wood Poles | | 30 ft. | \$9.44 | | |
| | | 35 ft. | \$9.44 | | |
| | | 40 ft. | \$13.44 | | |

- NOTES: 1. All distribution lines required to serve dusk to dawn facilities are owned by the Company.
2. Monthly charges for all new Company Owned poles include up to 100 feet of overhead secondary wire, or up to 100 feet of underground secondary



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line if Customer provides earthwork and conduit (excluding the overhead to underground transition). Any additional wire required (over and above the first 100 feet provided) to install fixtures is subject to the additional monthly wire charges specified in Section IV.1 below.

3. When adding lighting fixtures to an existing Company Owned pole, any and all additional distribution wire required is subject to the additional monthly wire charges specified in Section IV.1 below.
4. Any and all distribution wire required to serve lighting facilities placed on a Customer Owned pole, whether new or existing, is subject to the additional monthly wire charges specified in Section IV.1 below.

III. ANCHOR BASE

| | Height | CHARGES |
|-------------|-------------------------------------------|---------------|
| | | Company Owned |
| A. Flush | 4 ft. | \$10.45 |
| | 6 ft. | \$12.47 |
| B. Pedestal | 8 ft. | \$14.29 |
| | For 32' Round Steel Pole only 4 ft. 6" | \$9.91 |

IV. CHARGES FOR OPTIONAL OR ADDITIONAL EQUIPMENT

| | CHARGE |
|------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| | Company Owned |
| 1. Each 100 feet of overhead secondary wire, or each 100 feet of underground secondary wire, if Customer provides earthwork and conduit. | \$3.69 |
| 2. Additional maintenance charge for HPS lamp and luminaire that is not accessible by bucket truck. | \$2.95 |
| 3. Additional maintenance charge for MH lamp and luminaire that is not accessible by bucket truck. | \$6.38 |



V. DETERMINATION OF CHARGES FOR NEW EQUIPMENT

Monthly charges for new lighting fixtures, poles and other equipment not included in Sections I, II, or III above will be determined by the Company using the following method:

Step 1 Determination of monthly charges for each charge type Monthly Fixed Charge

| <u>Charge Type</u> | <u>Monthly Charge</u> | = | <u>Cost Inputs</u> | x | <u>PV Factor</u> | x | <u>Rate</u> |
|--------------------|--------------------------|---|----------------------------|---|------------------|---|-------------|
| 1 | Carrying cost (fixtures) | = | Equipment cost (installed) | x | NA | x | 1.518% |
| 2 | Lighting O&M | = | O&M cost (lifecycle) | x | 0.427 | x | 1.518% |
| 3 | Carrying cost (poles) | = | Equipment cost (installed) | x | NA | x | 1.296% |
| | | | | | | | |
| <u>Charge Type</u> | <u>Monthly Charge</u> | = | <u>kWh Input</u> | x | <u>\$/kWh</u> | | |
| 4 | Generation T&D, RCS, | = | kWh per month | x | 0.06621 | | |
| 5 | system benefits | = | kWh per month | x | 0.02682 | | |

Step 2 Determination of Total Monthly Charge

The total monthly charge will be the summation of the charges for each applicable charge type.

| <u>Equipment</u> | <u>Charge Type</u> |
|---------------------------|--------------------|
| Fixtures - Company Owned | 1,2,4,5 |
| Fixtures - Customer Owned | 2,4,5 |
| Poles - Company Owned | 3 |

TRIP CHARGE

A \$100.00 trip charge per light will be charged when a Customer requests a disconnect and/or reconnect of service in order to accommodate the maintenance activities of the Customer or its designee(s) on their dusk to dawn equipment.



ADJUSTMENTS

The bill will include the following adjustments:

1. The Renewable Energy Adjustment Charge, Adjustment Schedule REAC-1.
2. The Power Supply Adjustment charges, Adjustment Schedule PSA-1.
3. The Transmission Cost Adjustment charge, Adjustment Schedule TCA-1.
4. The Environmental Improvement Surcharge, Adjustment Schedule EIS.
5. The Demand Side Management Adjustment Charge, Adjustment Schedule DSMAC-1.
6. The Tax Expense Adjustor Mechanism charge, Adjustment Schedule TEAM
7. Direct Access Customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge, Adjustment Schedule RCDAC-1.
8. Any applicable taxes and governmental fees that are assessed on APS's revenues, prices, sales volume, or generation volume.

SERVICE DETAILS

1. The 4,000 and 7,000 lumen lamps use an open glass diffuser. All units are controlled by a photoelectric switch.
2. The Customer is not authorized to make connections to the lighting circuits or to make attachments without prior notification to the Company. The Company may recalculate the rate or change the rate eligibility in such instances.
3. Should a Customer request relocation of a Dusk to Dawn lighting installation, the costs of such relocation will be paid by the Customer.
4. The Customer will be responsible for notifying the Company when the dusk to dawn facilities are not operating as intended. The Company will use reasonable efforts to complete normal maintenance (replacement of lamps, photocontrols or fixtures) within ten (10) working days from notification by Customer. If the maintenance requires cable replacement or repairs, the Company will use reasonable efforts to complete said repairs within twenty (20) working days.



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5. The Customer's bill will not be reduced due to lamp, photocontrol or cable repair or replacement outages.
6. The Customer may cancel a lighting service agreement by payment of the bill including the applicable tax adjustment, multiplied by the number of remaining months of the initial agreement, or the calculated installation and removal costs for the extension, whichever is lower.
7. Lighting equipment which is not specified in this rate schedule will be billed at the rates corresponding to the most similar equipment, as determined by the Company.
8. Lighting Equipment and services with an initial Company cost exceeding \$25,000 will require a financial liability agreement between the Company and the Customer.
9. APS provides electric service under the Company's Service Schedules. These schedules provide details about how the Company serves its Customers, and they have provisions and charges that may affect the Customer's bill (for example, service connection charges).

NON-STANDARD FACILITIES – CUSTOMER OWNED

When the Customer requests any non-standard Dusk to Dawn lighting facilities (non-standard being defined as any equipment not listed in the Company's Transmission and Distribution Construction Standards book), the Customer will own, operate and maintain all components to the system excluding the distribution facilities installed by the Company to serve the lighting system. Monthly bills rendered for non-standard facilities will consist of the following rates, plus any adjustments incorporated in this schedule. KWh will be determined by the Company, based on the rated wattage of the equipment and an estimated average hourly usage per month.

| | | | |
|----|----------------|------------|---------------------------------|
| A. | Service Charge | \$ 3.54 | per installed fixture per month |
| B. | Energy Charge | \$ 0.06857 | per kWh per month |

CONTRACT PERIOD

All Dusk to Dawn lighting installations will require a written agreement for service for a minimum of ten (10) years, or longer at Company's option.