



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

AVAILABILITY

This rate schedule is available in all territory served by the Company at all points where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the sites served.

APPLICATION

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. Dusk is defined as the time between sunset and full night when a photocontrol senses the lack of sufficient sunlight and turns on the lights. Dawn is defined as the time between full night and sunrise when a photocontrol senses sufficient sunlight to turn off lights.

RATES

The customer's bill shall be computed at the following rates for each type of standard facility and/or service utilized to provide outdoor lighting, plus any adjustments incorporated in this schedule:

I. FIXTURES (Includes Mounting Arm, if Applicable)

	Lumen	Watts	kWh	RATES	
				Company Owned	Customer Owned
A. Acorn	9,500 HPS	100	41	\$23.90	\$8.14
	16,000 HPS	150	69	26.53	10.29
B. Architectural	9,500 HPS	100	41	13.58	6.48
	16,000 HPS	150	69	15.86	8.67
	30,000 HPS	250	99	18.82	11.13
	50,000 HPS	400	153	23.22	16.01
	14,000 MH	175	72	19.00	10.41
	21,000 MH	250	101	21.57	12.84
	36,000 MH	400	159	26.97	17.66
	8,000 LPS	55	30	19.74	8.67
	13,500 LPS	90	50	23.28	10.46
	22,500 LPS	135	72	26.59	12.76
C. Cobra/Roadway	33,000 LPS	180	90	31.99	15.03
	5,800 HPS	70	29	7.71	4.56
	9,500 HPS	100	41	9.08	5.58
	16,000 HPS	150	69	11.37	7.79
	30,000 HPS	250	99	13.71	10.12
	50,000 HPS	400	153	18.60	14.46
	14,000 MH	175	72	13.22	9.01
	21,000 MH	250	101	15.45	11.21
36,000 MH	400	159	20.34	15.57	
	8,000 FL	100	38	15.19	4.45



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

RATES (cont)

I. FIXTURES (Includes Mounting Arm, if Applicable) (cont)

				RATES		
		Lumen	Watts	kWh	Company Owned	Customer Owned
D. Decorative Transit		9,500 HPS	100	41	\$32.76	\$9.81
		16,000 HPS	150	69	32.57	5.57
		30,000 HPS	250	99	37.50	14.15
E. Flood		30,000 HPS	250	99	18.20	11.31
		50,000 HPS	400	153	22.57	15.69
		21,000 MH	250	101	19.43	11.95
		36,000 MH	400	159	23.69	16.21
F. Post Top	Colonial Gray	8,000 FL	100	38	16.37	4.62
		9,500 HPS	100	41	9.36	5.87
	Colonial Black	9,500 HPS	100	41	10.78	6.08
	Decorative Transit	9,500 HPS	100	41	28.68	9.04
G. FROZEN		4,000 INC	295	103	8.64	4.83
		7,000 MV	175	73	11.19	6.42
		20,000 MV	400	150	22.01	12.47
		Brackets over 8 ft. and up to 16 ft. in length			1.52	--

- NOTES:
1. Company Owned fixtures are those fixtures that the Company installs, owns, operates, and maintains.
 2. Customer Owned fixtures are those fixtures where the customer installs and maintains the lighting fixtures, and the Company approves the installation, operates the fixtures, and replaces Company standard lamps only.
 3. Listed kWhs 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
 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).



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

RATES (cont)

II. POLES

			RATES		
			Height	Company Owned	
A. Anchor Base Mounted (Flush)	Round Steel	1 Simplex Adapter	12 ft.	\$10.75	
			22 ft.	12.10	
			25 ft.	13.09	
			30 ft.	15.04	
			32 ft.	15.80	
	Round Steel	2 Simplex Adapters	12 ft.	11.46	
			22 ft.	13.17	
			25 ft.	13.73	
			30 ft.	15.96	
			32 ft.	17.03	
	Square Steel	5"	13 ft.	12.32	
			15 ft.	11.01	
			23 ft.	13.06	
			25 ft.	14.36	
			28 ft.	15.94	
		32 ft.	15.85		
	Concrete		12 ft.	36.72	
	Fiberglass		12 ft.	31.10	
	Decorative Transit Pedestrian	4"	16 ft.	30.32	
	Decorative Transit	6"	30 ft.	58.54	
B. Anchor Base Mounted (Pedestal)	Round Steel	1 Simplex Adapter	12 ft.	10.34	
			22 ft.	11.69	
			25 ft.	12.67	
			30 ft.	14.64	
			32 ft.	15.38	
	Round Steel	2 Simplex Adapters	12 ft.	11.05	
			22 ft.	12.34	
			25 ft.	13.32	
			30 ft.	15.55	
			32 ft.	16.61	
			3 Bolt Arm	32 ft.	19.09
	Square Steel	5"	13 ft.	11.92	
			15 ft.	12.19	
			23 ft.	12.65	
			25 ft.	13.95	
28 ft.			15.51		
			32 ft.	16.10	



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

RATES (cont)

II. POLES (cont)

		RATES		
		Height	Company Owned	
C. Direct Bury	Round Steel	19 ft.	\$16.27	
		30 ft.	12.70	
		38 ft.	15.50	
		Self Support	40 ft.	19.09
		Stepped	49 ft.	57.40
	Square Steel	4"	34 ft.	14.02
		5"	20 ft.	13.31
			30 ft.	13.87
			38 ft.	15.06
			Decorative Transit	41 ft 6 in
	Decorative Transit	47 ft.	22.52	
	Steel Distribution Pole (for lighting only)	35 ft.	20.79	
D. Post Top	Decorative Transit Anchor Base	16 ft.	30.97	
	Gray Steel/Fiberglass	23 ft.	10.74	
	Black Steel	23 ft.	11.84	
E. FROZEN	Wood Poles	30 ft.	7.90	
		35 ft.	7.90	
		40 ft.	11.24	

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

		RATES	
		Height	Company Owned
A. Flush		4 ft.	\$8.75
		6 ft.	10.44
B. Pedestal		8 ft.	11.96



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

		RATES
		Company Owned
	For 32' Round Steel Pole only	4 ft. 6" 8.29



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

IV. RATES FOR OPTIONAL OR ADDITIONAL EQUIPMENT

	RATES
	Company Owned
1. Each 100 feet of overhead secondary wire, or each 100 feet of underground secondary wire if customer provides earthwork and conduit.	\$3.09
2. Additional maintenance charge for HPS lamp and luminaire that is not accessible by bucket truck.	2.47
3. Additional maintenance charge for MH lamp and luminaire that is not accessible by bucket truck.	5.33

ADJUSTMENTS

1. The Environmental Portfolio Surcharge shall be applied to every retail electric service as set forth in the Company's Adjustment Schedule EPS-1 or successor schedules as approved by the Arizona Corporation Commission.
2. The bill is subject to the Power Supply Adjustment factor as set forth in the Company's Adjustment Schedule PSA-1 pursuant to Arizona Corporation Commission Decision No. 67744 and Arizona Corporation Commission Decision No. 69663.
3. The bill is subject to the Transmission Cost Adjustment factor as set forth in the Company's Adjustment Schedule TCA-1 pursuant to Arizona Corporation Commission Decision No. 67744.
4. The bill is subject to the Environmental Improvement Surcharge as set forth in the Company's Adjustment Schedule EIS pursuant to Arizona Corporation Commission Decision No. 69663.
5. The bill is subject to the Competition Rules Compliance Charge as set forth in the Company's Adjustment Schedule CRCC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
6. Direct Access customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge as set forth in the Company's Adjustment Schedule RCDAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
7. The bill is subject to the Demand Side Management Adjustment charge as set forth in the Company's Adjustment Schedule DSMAC-1 pursuant to Arizona Corporation Commission Decision No. 67744.
8. The bill is subject to the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of APS and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

SPECIAL PROVISIONS

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.



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

SPECIAL PROVISIONS (cont)

3. Should a customer request relocation of a dusk-to-dawn lighting installation, the costs of such relocation shall be paid by the customer.
4. The Company cannot guarantee that all dusk to dawn facilities will always operate as intended. Therefore, 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; however, if the maintenance requires cable replacement or repairs, the Company shall use reasonable efforts to complete said repairs within twenty (20) working days.
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.

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 be computed at the following rates, plus any adjustments incorporated in this schedule. KWh will be determined by the Company, based on the rated wattage of the lighting equipment and an estimated average hourly usage per month.

A.	Service Charge	\$2.96	per installed lamp per month
B.	Energy Charge	\$0.05604	per kWh per month

If, at the Company's discretion, the customer chooses to have the Company maintain the entire non-standard facility, the Company may require the customer to enter into a separate maintenance agreement which may be subject to additional charges mutually agreed upon by the Company and the customer.

CONTRACT PERIOD

All Dusk-to-Dawn lighting installations will require a written agreement for service for a minimum of three (3) years, or longer at Company's option.

TERMS AND CONDITIONS

Service under this rate schedule is subject to the Company's Schedule 1, Terms and Conditions for Standard Offer and Direct Access Services and the Company's Schedule 10, Terms and Conditions for Direct Access. These schedules have provisions that may affect the customer's bill. In addition, service may be subject to special terms and conditions as provided for in a customer contract or service agreement.