



**RATE SCHEDULE E-58  
CLASSIFIED SERVICE  
STREET LIGHTING SERVICE**

AVAILABILITY

This rate schedule is available in those portions of cities, towns and unincorporated communities in which Company does a general retail electric business and where Company has installed a multiple or series street lighting system of adequate capacity for the service to be rendered.

APPLICATION

This rate schedule is applicable to service for lighting public streets, alleys, thoroughfares, public parks and playgrounds from dusk to dawn by use of Company's facilities where such service for the entire area is contracted for from the Company by the city, town, other governmental agencies, or a responsible individual for unincorporated communities. 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 bill shall be computed at the following rates for each type of standard facility and/or service utilized to provide street lighting, plus any adjustments incorporated in this schedule:

I. FIXTURES (Includes Mounting Arm, if Applicable)

	Lumen	Watts	kWh	RATES	
				Investment by Company	Investment by Others
A. Acorn	9,500 HPS	100	41	\$ 27.06	\$9.22
	16,000 HPS	150	69	30.04	11.65
	6000 IND	85	29	17.87	4.77
B. Architectural	9,500 HPS	100	41	15.38	7.34
	16,000 HPS	150	69	17.96	9.82
	30,000 HPS	250	99	21.31	12.60
	50,000 HPS	400	153	26.29	18.13
	14,000 MH	175	72	21.51	11.79
	21,000 MH	250	101	24.42	14.54
	36,000 MH	400	159	30.54	20.00
	8,000 LPS	55	30	22.35	9.82
	13,500 LPS	90	50	26.36	11.84
	22,500 LPS	135	72	30.11	14.45
	33,000 LPS	180	90	36.22	17.02
	6,200 IND	85	29	9.40	3.65
	8,400 IND	100	34	9.93	4.05
	10,200 IND	120	41	10.91	4.63
	13,000 IND	150	52	12.05	5.50
	20,500 IND	200	69	13.72	6.84
	22,500 IND	265	91	16.37	8.62
5,800 LED	94	32	16.53	4.79	
7,400 LED	127	44	18.96	5.89	
12,300 LED	203	70	23.66	8.22	



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

			RATES			
	Lumen	Watts	kWh	Investment by Company	Investment by Others	
C. Cobra/Roadway	5,800 HPS	70	29	\$8.73	\$5.16	
	9,500 HPS	100	41	10.28	6.32	
	16,000 HPS	150	69	12.87	8.82	
	30,000 HPS	250	99	15.52	11.46	
	50,000 HPS	400	153	21.06	16.37	
	14,000 MH	175	72	14.97	10.20	
	21,000 MH	250	101	17.49	12.69	
	36,000 MH	400	159	23.03	17.63	
	8,000 FL	100	38	17.20	5.04	
	6,200 IND	75	26	9.78	3.50	
	6,400 IND	85	29	8.33	3.51	
	8,000 IND	88	30	9.72	3.75	
	8,400 IND	100	34	9.01	3.93	
	10,200 IND	120	41	9.69	4.47	
	13,000 IND	150	52	10.67	5.32	
	15,250 IND	200	69	12.87	6.73	
	22,500 IND	250	86	17.22	8.41	
	6,000 LED	95	33	15.83	4.76	
	8,700 LED	142	49	17.80	6.06	
	9,600 LED	157	54	18.94	6.54	
11,600 B-LED	181	62	17.67	6.90		
D. Decorative	9,500 HPS	100	41	37.09	11.11	
	16,000 HPS	150	69	36.88	12.41	
	30,000 HPS	250	99	42.46	16.02	
E. Flood	30,000 HPS	250	99	20.61	12.81	
	50,000 HPS	400	153	25.56	17.77	
	21,000 MH	250	101	22.00	13.53	
	36,000 MH	400	159	26.82	18.35	
F. Post Top	Colonial Gray	8,000 FL	100	38	18.54	5.23
		9,500 HPS	100	41	10.60	6.65
	Colonial Black	9,500 HPS	100	41	12.21	6.88
	Decorative Transit	9,500 HPS	100	41	32.47	10.24
	Copper Square	6,000 IND	85	29	17.52	4.72
G. FROZEN	4,000 INC	295	103	\$9.78	\$5.47	
	7,000 MV	175	73	12.67	7.27	
	11,000 MV	250	96	15.87	9.68	
	20,000 MV	400	150	24.92	14.12	



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NOTES:

1. Investment by Company. These rates are applicable where the Company provides the initial investment to purchase and install all facilities necessary for street lighting service. The Company will own, operate, and maintain the street lighting system.
2. Investment by Others. These rates are applicable in those instances where the requesting entity or individual purchases and installs the street lighting facilities at their own expense and in accordance with Company specifications. These rates will also apply in the instance where the customer provides a non-refundable advance to the Company to cover the Company's cost of purchasing and installing the street lighting system. The Company retains ownership of the street lighting system and provides operation and maintenance for all facilities.
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 November 1, 1986.
9. MV = Mercury Vapor. Mercury Vapor lighting charges are applicable and available only to those customers being served and those installation in service on November 1, 1986 in accordance with A.R.S. §49-1104(A).
10. LED = Light Emitting Diode
11. IND = Induction



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**II. POLES**

			RATES		
			Height	Investment by Company	Investment by Others
A. Anchor Base Mounted (Flush)	Round Steel	1 Simplex Adapter	12 ft.	\$12.17	\$1.68
			22 ft.	13.70	1.88
			25 ft.	14.82	2.05
			30 ft.	17.03	2.34
			32 ft.	17.89	2.37
		2 Simplex Adapters	12 ft.	12.98	1.79
			22 ft.	14.91	2.06
			25 ft.	15.55	2.14
			30 ft.	18.07	2.49
			32 ft.	19.28	2.66
	Square Steel	5"	13 ft.	13.95	1.92
			15 ft.	12.47	1.72
			23 ft.	14.79	2.03
			25 ft.	16.26	2.23
			28 ft.	18.05	2.48
			32 ft.	17.95	2.47
	Concrete			12 ft.	41.58
Fiberglass			12 ft.	35.21	4.85
Decorative Transit Pedestrian		4"	16 ft.	34.33	4.73
Decorative Transit		6"	30 ft.	66.28	9.13
Hinged Poles	Square	15 ft.	13.20	1.08	
	Round	19 ft.	11.93	.97	
B. Anchor Base Mounted (Pedestal)	Round Steel	1 Simplex Adapter	12 ft.	11.71	1.61
			22 ft.	13.24	1.82
			25 ft.	14.35	1.98
			30 ft.	16.58	2.29
			32 ft.	17.41	2.40
		2 Simplex Adapters	12 ft.	12.51	1.72
			22 ft.	13.97	1.92
			25 ft.	15.08	2.07
			30 ft.	17.61	2.42
			32 ft.	18.81	2.59
	3 Bolt Arm		32 ft.	21.62	2.97
	Square Steel	5"	13 ft.	13.50	1.86
			15 ft.	13.80	1.89
			23 ft.	14.32	1.98
			25 ft.	15.80	2.19
			28 ft.	17.56	2.42
32 ft.			18.23	2.50	



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II POLES (cont)

		RATES			
		Height	Investment by Company	Investment by Others	
C. Direct Bury	Round Steel	19 ft.	\$18.42	\$2.54	
		30 ft.	14.38	2.66	
		38 ft.	17.55	2.73	
		Self Support	40 ft.	21.62	3.42
		Stepped	25 ft.	49.72	4.06
			32 ft.	52.36	4.27
	Square Steel	4"	49 ft.	64.99	8.96
			34 ft.	15.87	2.75
		5"	20 ft.	15.07	2.49
			30 ft.	15.71	2.59
		8"	38 ft.	17.05	2.96
		28 ft.	28.45	2.32	
		32 ft.	29.74	2.43	
	Decorative Transit	41 ft 6 in	20.47	3.01	
	Decorative Transit	47 ft.	25.50	3.75	
	Steel Distribution Pole (for lighting only)	35 ft.	23.54	3.10	
D. Post Top	Decorative Transit Anchor Base	16 ft.	35.07	4.82	
	Gray Steel/Fiberglass	23 ft.	12.16	2.00	
	Black Steel	23 ft.	13.41	2.21	
E. Existing distribution pole suitable for streetlight use			1.48	--	
F. FROZEN	Wood Poles	30 ft.	\$8.95	\$1.55	
		35 ft.	8.95	1.48	

NOTE: The monthly rate for all new poles includes up to 300 feet of overhead secondary wire, or up to 300 feet of underground secondary wire if the customer provides earthwork and conduit (excluding the underground to overhead transition).

III. ANCHOR BASE

		RATES		
		Height	Investment by Company	Investment by Others
A. Flush		4 ft.	\$9.91	\$1.36
		6 ft.	11.82	2.05
B. Pedestal		8 ft.	13.54	2.36
	For 32' Round Steel Pole only	4 ft. 6"	9.39	1.63



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**IV. CHARGES FOR OPTIONAL OR ADDITIONAL EQUIPMENT**

	RATES
	Company Owned
Underground Circuit Charges: a. Per foot of cable, installed under paving b. Per foot of cable, not installed under paving	<div style="font-size: 2em; font-weight: bold; opacity: 0.5; position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); pointer-events: none;">             FROZEN           </div> \$0.15716 0.05589

**V. DETERMINATION OF RATES FOR NEW EQUIPMENT**

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

<b>Step 1</b> Determination of Charges for each Charge Type							Monthly Fixed Charge Rate
Charge Type	Monthly Charge	=	Cost Inputs	x	PV Factor	x	
1	Carrying Cost (fixtures)	=	Equipment Cost (installed)	x	NA	x	1.533%
2	Carrying Cost (poles)	=	Equipment Cost (installed)	x	NA	x	1.449%
3	Fixture Replacement Cost	=	Equipment Cost (installed)	x	0.132	x	1.533%
4	Pole, Anchor Replacement Cost	=	Equipment Cost (installed)	x	0.082	x	1.449%
5	Lighting O&M	=	O&M Cost (lifecycle)	x	0.381	x	1.533%
Charge Type	Monthly Charge	=	kWh Input	x	\$/kWh		
6	Generation	=	kWh per month	x	0.04023		
7	T&D, RCS, SB	=	kWh per month	x	0.03516		

<b>Step 2</b> Determination of Total Monthly Charge	
The total monthly charge shall be the summation of the charges for each applicable charge type	
Equipment	Charge Type
Fixture - IBC	1,5,6,7
Fixture - IBO	3,5,6,7
Pole, Anchor Base - IBC	2
Pole, Anchor Base - IBO	4



ADJUSTMENTS

1. The bill is subject to the Renewable Energy Standard as set forth in the Company's Adjustment Schedule RES pursuant to Arizona Corporation Commission Decision No. 70313.
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 Arizona Corporation Commission Decision No. 69663, and Arizona Corporation Commission No. 71448.
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. 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.
6. 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. 71448.
7. 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. Street lighting facilities installed under this rate schedule are of the type currently being furnished by Company as standard at the time service is initially requested. Standard facilities are those listed in the Company's Transmission and Distribution Construction Standards book.
2. The Company cannot guarantee that streetlighting facilities will always operate as intended. Therefore, the customer will be responsible for notifying the Company when the streetlighting 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.
3. The customer's bill will not be reduced due to lamp, photocontrol or cable repair or replacement outages.
4. 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.

NON-STANDARD FACILITIES

Non-standard facilities (non-standard being defined as any facility not listed in the Company's Transmission and Distribution Construction Standards book) do not qualify for this rate schedule. At the Company's discretion, such facilities may be served under another of the Company's rate schedules.

EXTENSION OF STREET LIGHTING SYSTEM



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The Company will extend its standard street lighting system up to a distance of 300 feet for each additional lighting installation without cost at the request of the customer. When the extension is underground the customer will provide earthwork as specified in Section 6.1.2 of the Company's Schedule 3, Conditions Governing Extensions of Electric Distribution Lines and Services; or, at the customer's request, the Company will provide such earthwork for a contribution in aid of construction equal to the cost of such earthwork. Any additional extension required (over and above the first 300 feet) will be provided by Company for a contribution in aid of construction equal to the cost of the additional extension.

Extensions to isolated areas requiring a substantial extension of the electric distribution system, as opposed to an extension of the street lighting system, will require a special study to determine the terms and conditions under which the Company will undertake such an extension.

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.