



VOLUNTEER ENERGY COOPERATIVE

OUTDOOR LIGHTING RATE---SCHEDULE LS
(October 2016)

Availability

Available for service to street and park lighting systems, traffic signals systems, athletic field lighting installations and outdoor lighting for individual customers.

Service under this schedule for Part A is for a term of not less than 10 years, and Part B is for a term of not less than 1 year.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under VEC's standard policy.

Adjustment

The energy charge in Part A and Part B of this rate schedule shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA. In addition, the energy cost in Part A and Part B of this rate schedule shall be increased or decreased to correspond to increases or decreases determined by TVA under Adjustment 4 of the wholesale power rate schedule applicable under contractual arrangements between TVA and Distributor.

Determination of Seasonal Periods

Summer Period shall mean the June, July, August, and September billing months. Non-Summer Period consists of the Winter Period (December, January, February, and March billing months) and Transition Period (April, May, October, and November billing months.)

PART A – CHARGES FOR STREET AND PARK LIGHTING SYSTEMS, TRAFFIC SIGNAL SYSTEMS, AND ATHLETIC FIELD LIGHTING INSTALLATIONS

II.	* Energy Charge:	<u>Summer</u>	4.752¢ per kWh per month
		<u>Winter and Transition</u>	4.717¢ per kWh per month

III. Facility Charges:

The annual facility charge shall be 12 percent of the installed cost to VEC's electric system of the facilities devoted to street and park lighting service specified in this Part A. Such installed cost shall be recomputed on July 1 of each year, or more often if substantial changes in the facilities are made. Each month, one-twelfth of the adjusted total annual facility charge shall be billed to the customer. If any part of the facilities has not been provided at the electric system's expense or if the installed cost of any portion thereof is reflected on the books of another municipality or agency or department, the annual facility charge shall be adjusted to reflect properly the remaining cost to be borne by the electric system.

Traffic signal systems and athletic field lighting shall be provided, owned, and maintained by and at the expense of the customer, except as VEC may agree otherwise in accordance with the provisions of the following paragraph.

The facilities necessary to provide service to such systems and installations shall be provided by and at the expense of VEC's electric system, and the annual facility charge shall apply to the installed cost for such facilities.

* Energy charges (kWh) do not include TVA's monthly Fuel Cost adjustment.

When so authorized by policy duly adopted by VEC's governing board, traffic signal systems and athletic field lighting installations may be provided, owned, and maintained by VEC's electric system for the customer's benefit. In such cases, VECs may require reimbursement for the customer for a portion of the initial installed cost of any such system or installations and shall require payment by the customer of a facility charge sufficient to cover all of VEC's costs (except reimbursed cost), including appropriate overheads, of providing, owning, and maintaining such system or installation, provided that, for athletic field lighting installations, such facility charge shall in no case be less than 12 percent per year of such costs. Said facility charge shall be in addition to the annual facility charge on the facilities necessary to provide service to such system or installation as provided for in the preceding paragraph. Replacement of lamps and related glassware for traffic signal systems and athletic field lighting installations provided under this paragraph shall be paid for under the provisions of paragraph A in Section IV.

IV. Customer Charge- Traffic Signal Systems and Athletic Field Lighting Installations.

VEC shall apply a monthly customer charge of \$14.00 for service to each traffic signal system or athletic field lighting installation.

V. Replacement of Lamps and Related Glassware – Street and Park Lighting

Customer shall be billed and shall pay for replacements as provided in paragraph A below, which shall be applied to all service for street and park lighting.

- A. VEC shall bill the customer monthly for such replacements during each month at VEC's cost of materials, including appropriate storeroom expense.
- B. VEC shall bill the customer monthly for one-twelfth of the amount by which VEC's cost of materials, including appropriate storeroom expense, exceeds the product of 3 mills multiplied by the number of kilowatt-hours used for street and park lighting during the fiscal year immediately preceding the fiscal year in which such month occurs.

Metering

For any billing month or part of such month in which the energy is not metered or for which a meter reading is found to be in error or a meter is found to have failed, the energy for billing purposes for that billing month or part of such month shall be computed from the rated capacity of the lamps (including ballast) plus 5 percent of such capacity to reflect secondary circuit losses, multiplied by the number of hours of use.

Revenue and Cost Review

VEC's costs of providing service under Part A of this rate schedule are subject to review at any time and from time to time to determine if VEC's revenues from the charges being applied are sufficient to cover its costs. (Such costs, including applicable overheads, include, but are not limited to, those incurred in the operation and maintenance of the systems provided and those resulting from depreciation and payments for taxes, tax equivalents and interest.) If any such review discloses that revenues are either less or more than sufficient to cover said costs, VEC shall revise the above facility charges so that revenues will be sufficient to cover said costs. Any such revision of the annual facility charge provided for first above in section II of Part A of this rate schedule shall be by agreement between VEC and TVA.

* Energy charges (kWh) do not include TVA's monthly Fuel Cost adjustment.

PART B – CHARGES FOR OUTDOOR LIGHTING FOR INDIVIDUAL CUSTOMERS

<u>Charges Per Fixture Per Month - Summer</u>						
Type of Fixture	Lamp Size		Rated kWh	Facility Charge	¹ Energy Charge*	² Total Monthly Charge
	(Watts)	(Lumens)				
Mercury Vapor ³	175	7,650	77	\$2.71	\$3.66	\$6.37
	400	19,100	174	\$5.12	\$8.27	\$13.39
LED	70	6632	27	\$6.05	\$1.28	\$7.33
Metal Halide	150	9,360	64	\$4.40	\$3.04	\$7.44
Metal Halide	175 ³	8,775	75	\$3.52	\$3.56	\$7.08
Metal Halide Flood	400	24,000	164	\$9.34	\$7.79	\$17.13
High Pressure Sodium	100	8,550	45	\$4.28	\$2.14	\$6.42
	150	14,400	68	\$4.13	\$3.23	\$7.36
	200 ³	18,900	87	\$4.61	\$4.13	\$8.74
	250	25,600	111	\$6.71	\$5.27	\$11.98

<u>Charges Per Fixture Per Month - Non-Summer</u>						
Type of Fixture	Lamp Size		Rated kWh	Facility Charge	¹ Energy Charge*	² Total Monthly Charge
	(Watts)	(Lumens)				
Mercury Vapor ³	175	7,650	77	\$2.71	\$3.63	\$6.34
	400	19,100	174	\$5.12	\$8.21	\$13.33
LED	70	6632	27	\$6.05	\$1.27	\$7.32
Metal Halide	150	9,360	64	\$4.40	\$3.02	\$7.42
Metal Halide	175 ³	8,775	75	\$3.52	\$3.54	\$7.06
Metal Halide Flood	400	24,000	164	\$9.34	\$7.74	\$17.08
High Pressure Sodium	100	8,550	45	\$4.28	\$2.12	\$6.40
	150	14,400	68	\$4.13	\$3.21	\$7.34
	200 ³	18,900	87	\$4.61	\$4.10	\$8.71
	250	25,600	111	\$6.71	\$5.24	\$11.95

¹The energy charge is 4.752¢ per rated kWh per month for Summer Period and 4.717¢ per rated kWh per month for Non-Summer Period.

² The total monthly charge will fluctuate based on TVA's Fuel Cost adjustment in effect at the time of billing.

³ VEC can no longer install this type of lighting.

* Energy charges (kWh) do not include TVA's monthly Fuel Cost adjustment.

Additional Facilities

The above charges in this Part B are limited to service from a photoelectrically controlled standard lighting fixture installed on a pole already in place and where secondary voltage is readily available. If the customer wishes to have the fixture installed at a location other than on a pole already in place or if a transformer is required, VEC may apply an additional charge.

Lamp Replacements

Replacements of lamps and related glassware will be made in accordance with replacement policies of VEC without additional charge to the customer.

Special Outdoor Lighting Installations

When so authorized by policy duly adopted by VEC's governing board, special outdoor lighting installations (other than as provided for under Parts A and B above) may be provided, owned, and maintained by VEC's electric system. In such cases, VEC may require reimbursement from the customer for a portion of the initial installed cost of any such installation and shall require payment by the customer of monthly charges sufficient to cover all of VEC's costs (except reimbursed costs), including appropriate overheads, or providing, owning, and maintaining such installations, and making lamp replacements.

Service is subject to Rules and Regulations of Volunteer Energy Cooperative (VEC).