

(Approved BOELC, 7-14-15)

**Rate 16**

**Area Lighting Leased Lighting - Metered Lighting**

**Applicable to:**

Any customer, including the Town of North Attleborough, for outdoor metered lighting service.

**Character of Service:**

Subject to an approved "Lease Light Rental Agreement" between the customer and the North Attleborough Electric Department (NAED) the North Attleborough Electric Department will own, install, service, maintain and energize a vapor-type outdoor luminaire to be metered and connected directly to the distribution system of North Attleborough Electric Department.

The fixture, is controlled by photoelectric control, shall, unless disconnected, be energized year-round from approximately 1/2 hour after sunset to approximately 1/2 hour before sunrise, for a total of approximately 4,175 hours annually.

Delivery Services\*:

\* Energy charge in UFS Report, 6-5-15

Distribution Charges:

<b>SIZE</b>	<b>APPROX. LUMENS</b>	<b>APPROX. ANNUAL KWH PER FIXTURE</b>	<b>CUSTOMER DISTRIBUTION CHARGE:</b>	<b>MUNICIPAL DISTRIBUTION CHARGE:</b>
50 Watt	4,000	260	\$.17771 / kWh	\$.17053 / kWh
70 Watt	5,800	341	\$.13510 / kWh	\$.12965 / kWh
100 Watt	9,600	480	\$.09825 / kWh	\$.09428 / kWh
150 Watt	16,000	802	\$.06349 / kWh	\$.06091 / kWh
250 Watt	27,500	1,256	\$.05043 / kWh	\$.04843 / kWh
400 Watt	50,000	1,900	\$.03350 / kWh	\$.03214 / kWh

**Transmission Charge:**  
**Generation Charge:**  
**Energy Charge:**

**Based upon the Customer's Rate Classification**  
**Based upon the Customer's Rate Classification**  
**Based upon the Customer's Rate Classification**

**Supplier Services:**

**Power Cost Adjustments:** \_\_\_\_\_

## **Terms and Conditions: TRANSMISSION COST ADJUSTMENT:**

The Transmission Charge under this rate as set forth under Monthly Charge shall be adjusted from time to time in accordance with the Department's Transmission Cost Adjustment.

The transmission cost adjustment shall recover from customers taking transmission service under the Department's rates, all charges incurred by and billed to the Department by transmission providers for the transmission of electrical energy to North Attleborough and for all transmission related services incurred by and billed to the Department by regional transmission or operating entities such as NEPOOL, a regional transmission group (RTG), an independent system operator(ISO), or other regional bodies.

The transmission cost adjustment factor shall be established annually based upon a forecast of transmission and transmission related costs and shall include a full reconciliation and adjustment for any over or under recoveries occurring in the prior year.

The Department may recalculate the adjustment factor at any time should significant over or under recoveries occur. If actual costs and revenues are unavailable for any month, said costs or revenues shall be estimated subject to later adjustment for purposes of the foregoing calculations.

The transmission cost adjustment factor shall be calculated in the following manner:

The Department's forecast of transmission and transmission

Related costs for the following year

Plus any over or under recovery of transmission costs will provide the numerator for the adjustment factor calculation.

- The Department's forecast of sales of kilowatt-hours to retail customers for the following year shall be the denominator. The resulting number minus \$.017240 cents per kilowatt-hour shall be the adjustment factor.
- If the resulting number is positive, the transmission charge rate will increase by the same amount. However, if the resulting number is negative, the transmission charge rate will decrease by the same amount.

## **GENERATION COST ADJUSTMENT**

The Generation Charge under this rate as set forth under Monthly Charge shall be adjusted from time to time in accordance with the Department's Generation Cost Adjustment

The generation cost adjustment shall recover from customers all purchased power costs not recovered by the Transmission Charge and the Energy Charge. Generation costs are commonly referred to as fixed costs, or capacity costs, and include generation operating costs and generation capacity costs and are usually charged to North Attleborough Electric Department on a per kilowatt basis. Also included are ancillary costs related to the purchase of electrical energy.

The generation cost adjustment factor shall be established annually based upon a forecast of generation and generation related costs and shall include a full reconciliation and adjustment for any over or under recoveries occurring in the prior year. The Department may recalculate the adjustment factor at any time should significant over or under recoveries occur.

If actual costs and revenues are unavailable for any month, said costs or revenues shall be estimated subject to later adjustment for purposes of the foregoing calculations.

The generation cost adjustment factor shall be calculated in the following manner:

- The Department's forecast of generation and generation related costs for the following year plus any over or under recovery of generation and generation related costs will provide the numerator for the adjustment factor calculation.
- The Department's forecast of sales of kilowatt-hours to retail customers for the following year shall be the denominator
- The resulting number minus \$.03095 per kilowatt-hour shall be the adjustment factor.
- If the resulting number is positive, the generation charge rate will increase by the same amount. However, if the resulting number is negative, the generation charge rate will decrease by the same amount.

## **ENERGY COST ADJUSTMENT**

The Energy Charge under this rate as set forth under Monthly Charge shall be adjusted from time to time in accordance with the Department's Energy Cost Adjustment

The energy cost adjustment shall recover from customers all purchased power energy (fuel) costs. These costs are commonly referred to as either fuel or fuel related costs or variable power production costs and are billed to North Attleborough Electric Department on a per kilowatt-hour basis.

The energy cost adjustment factor shall be established annually based upon a forecast of energy (fuel) and fuel related costs and shall include a full reconciliation and adjustment for any over or under recoveries occurring in the prior year.

The Department may recalculate the adjustment factor at any time should significant over or under recoveries occur. If actual costs and revenues are unavailable for any month, said costs or revenues shall be estimated subject to later adjustment for purposes of the foregoing calculations.

The energy cost adjustment factor shall be calculated in the following manner:

- The Department's forecast of energy (fuel) and energy related costs for the following year plus any over or under recovery of energy (fuel) and energy related costs will provide the numerator for the adjustment factor calculation.

- The Department's forecast of sales of kilowatt-hours to retail customers for the following year shall be the denominator.
- The resulting number minus \$.059760 per kilowatt-hour shall be the adjustment factor.
- If the resulting number is positive, the energy charge rate will increase by the same amount. However, if the resulting number is negative, the energy charge rate will decrease by the same amount.

### **Monthly Minimum Charge (Customer Charge):**

The minimum charge per month shall be the Customer Charge.

- a) The Department's General Terms and Conditions for Electric Service shall apply, where not expressly modified herein.
- b) Per the Department's General Terms and Conditions for Electric Service, individual dwelling units in a multiple dwelling will be individually metered. .
- c) Where master meter exists or is otherwise allowed by the Department, bills will be calculated by dividing the total metered usage by the number of dwelling units plus one, computing the cost of the average unit usage and multiplying the result by the number of dwelling units plus one.
- d) The customer shall be responsible for notifying North Attleborough Electric Department for outages, regardless of cause, and any damage or defect to the fixtures. North Attleborough Electric Department makes no warranties of continuous operation and shall not be liable to the customer or any third parties for damages or injuries caused in whole or in part from interruptions in service, whether due to interruptions in electric service or damaged or otherwise malfunctioning lighting fixtures or bulbs.

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