

**NORTHFIELD ELECTRIC DEPARTMENT**

**RESIDENTIAL RATE**

**Company Designation:** R

**Applicable:** Town and Village of Northfield, parts of Berlin and Moretown

**Monthly:** The sum of the following:

Customer Charge	\$8.01
Per KWH 100 or less	\$0..06351
Per KWH over 100	\$0.13705

**Controlled Off-Peak Water Heating:** Where a customer uses a utility approved controlled electric water heater as the only source of running hot water, such customer shall receive a credit of \$1.63 per month.

**Minimum Charge:** The customer charge.

**Terms:** The above rate is net, billed monthly and payable upon presentation of bill, such other terms and conditions of the utility as may be in effect from time to time, shall apply.

**Duration of Contract:** One month unless a longer time is necessary to comply with rules and regulations.

**Effective:** Effective for service rendered on or after January 1, 2011.

**NORTHFIELD ELECTRIC DEPARTMENT**

Rate GS  
Sheet 1

**COMMERCIAL RATE**

**Company Designation:** GS

**Available:** Town and Village of Northfield, parts of Berlin and Moretown

**Applicable:** For lodges, churches, clubs, tourist homes, offices, beauty parlors, stores, shops, schools, gas stations, restaurants, etc., except that customers having a maximum measured demand of 30 or more KW will be served under the provisions of Large Power Consumption Rate LPC-A.

**Character of Service:** Service under this rate is limited to customers with installed transformer capacity of less than 50 KVA, single-phase, 120/240; three-phase, 120/208, 240, 2400, 4160 as available and/or at the Department's option.

**Monthly Rate:** The sum of the following:

Customer Charge	\$16.09
Per KWH	\$ 0.13314

**Controlled Off-Peak Water Heating:** Where a customer uses a utility approved controlled electric water heater as the only source of running hot water, such customer shall receive a credit of \$1.63 per month.

**NORTHFIELD ELECTRIC DEPARTMENT**

Rate GS  
Sheet 2

- Terms:** The above rate is net, billed monthly and payable upon presentation of bill. Such other terms and conditions of the utility as may be in effect from time to time, shall apply,
- Minimum Charge:** The customer charge.
- Duration of Contract:** One month unless a longer time is necessary to comply with rules and regulations.
- Effective:** Effective for service rendered on or after January 1, 2011.

**NORTHFIELD ELECTRIC DEPARTMENT**

Rate LPC-A  
Sheet 1

**LARGE POWER CONSUMPTION RATE - A**

**Company Designation:** LPC-A

**Available:** Town and Village of Northfield, parts of Berlin and Moretown

**Applicable:** For customers requiring 30 KW demand or more. May be used by customers with less than 30 KW demand upon application to the Electric Department. Generally for industrial customers.

**Character of Service:** Service under this rate is limited to customers with installed transformer capacity of 50 KVA or more, single-phase, 120/240; three-phase, 120/208, 240, 2400, 4160 as available and/or at the Department's option.

**Monthly Rate:** The sum of the following:

Customer Charge	\$29.94
Per KWH	\$ 0.10769
Per KW of Demand	\$ 8.86

Demand Charge: the charge per KW of Peak demand, but not less than 80% of the highest registered demand for the preceding eleven months.

**Power Factor:** For each one percent by which the average monthly power factor lags below 90%, the demand charge shall be increased one percent.

## NORTHFIELD ELECTRIC DEPARTMENT

Rate LPC-A  
Sheet 2

### **Transformer Ownership**

#### **Discount:**

\$0.58 per KW of demand where customer furnished the necessary transformers and is billed under the above demand rate.

### **Additional Service**

#### **Conditions:**

1. If the use of energy is intermittent or subject to violent fluctuation, the Department reserves the right to base the measured demand upon a period of less than 15 minutes.
2. Customers desiring service for greater than one month, but less than 12 consecutive months, shall upon termination of service, be billed an amount equal to the minimum billing for the remaining months.

#### **Terms:**

The above rate is net, billed monthly and payable upon presentation of bill. Such other terms and conditions of the utility as may be in effect from time to time, shall apply,

#### **Minimum Charge:**

The customer charge, plus the minimum Demand charge of 80% of the highest registered Demand for the preceding eleven months

#### **Duration of Contract:**

One year, and from year to year thereafter, with six months notice to be given prior to termination of service or until an approved change becomes effective.

#### **Effective:**

Effective for service rendered on or after January 1, 2011.

**NORTHFIELD ELECTRIC DEPARTMENT**

Rate LPC-B  
Sheet 1

**LARGE POWER CONSUMPTION RATE - B**

**Company Designation:** LPC-B

**Available:** Town and Village of Northfield, parts of Berlin and Moretown

**Applicable:** For customers requiring 500 KW demand or more. May be used by customers with less than 500 KW demand upon application to the Electric Department. Generally for industrial customers.

**Character of Service:** Service under this rate is limited to customers with installed transformer capacity of 175 KVA or more, ; 12.47 kV three-phase power, as available and/or at the Department's option.

**Monthly Rate:** The sum of the following:

Customer Charge	\$507.39
Per KWH	\$ 0.11025
Per KW of Demand	\$ 6.61

Demand Charge: the charge per KW of Peak demand, but not less than 80% of the highest registered demand for the preceding eleven months.

**Power Factor:** For each one percent by which the average monthly power factor lags below 90%, the demand charge shall be increased one percent.

## NORTHFIELD ELECTRIC DEPARTMENT

Rate LPC-B  
Sheet 2

### **Transformer Ownership**

#### **Discount:**

\$0.58 per kW of demand where customer furnished the necessary transformers and is billed under the above demand rate.

### **Additional Service**

#### **Conditions:**

If the use of energy is intermittent or subject to violent fluctuation, the Department reserves the right to base the measured demand upon a period of less than 15 minutes.

#### **Terms:**

The above rate is net, billed monthly and payable upon presentation of bill. Such other terms and conditions of the utility as may be in effect from time to time, shall apply,

#### **Minimum Charge:**

The customer charge, plus the minimum Demand charge of 80% of the highest registered Demand for the preceding eleven months

#### **Duration of Contract:**

One year, and from year to year thereafter, with six months notice to be given prior to termination of service or until an approved change becomes effective.

#### **Effective:**

Effective for service rendered on or after January 1, 2011.

# NORTHFIELD ELECTRIC DEPARTMENT

Rate LPC-ED  
Sheet 1

## LARGE POWER CONSUMPTION RATE - ED

**Company Designation:** LPC-ED

**Available:** Town and Village of Northfield, parts of Berlin and Moretown

**Applicable:** For current or new LPC customers requiring 30 KW demand or more in aggregate, after application to and acceptance by the Electric Department, and for 3 full years thereafter or Public Service Board approval of a new LPC-ED tariff, whichever comes first. This tariff is restricted to the following:

- 1) New or existing customers adding incremental load to the Northfield Electric Department system after the effective date,
- 2) Only those customers with incremental load arising from the manufacture or processing of goods and materials available for sale at the wholesale or retail level,
- 3) Only those customers with incremental load which has been certified by a regional development authority or corporation as accompanying new job hires at such customers' facilities,
- 4) Only those customers agreeing to fully participate in applicable Northfield Electric Department demand-side management (DSM) programs,
- 5) Only those customers for which adequate transmission and distribution support exists and which possess service characteristics which meet the other provisions of this tariff.



# NORTHFIELD ELECTRIC DEPARTMENT

Rate LPC-ED  
Sheet 2

**Character of Service:** Service under this rate is limited to customers with installed transformer capacity of 50 KVA or more, single-phase, 120/240; three-phase, 120/208, 240, 2400, 4160 as available and/or at the Department's option.

**Monthly Rate:** The sum of the following:

Customer Charge	\$29.94
Per KWH	\$ 0.10769
Per KW of Demand	\$ 2.20

Demand Charge: the charge per KW of Peak demand, but not less than 80% of the highest registered demand for the preceding eleven month period of.

**Power Factor:** For each one percent by which the average monthly power factor lags below 90%, the demand charge shall be increased one percent.

**Transformer Ownership  
Discount:**

\$0.58 per kW of demand where customer furnishes the necessary transformers and is billed under the above demand rate.

**Additional Service  
Conditions:**

1. If the use of energy is intermittent or subject to violent fluctuation, the Department reserves the right to base the measured demand upon a period of less than 15 minutes.

## NORTHFIELD ELECTRIC DEPARTMENT

Rate LPC-ED  
Sheet 3

2. Customers desiring service for greater than one month, but less than 12 consecutive months, shall upon termination of service, be billed an amount equal to the minimum billing for the remaining months.

**Terms:**

The above rate is net, billed monthly and payable upon presentation of bill. Such other terms and conditions of the utility as may be in effect from time to time, shall apply.

**Minimum Charge:**

The customer charge, plus the minimum Demand charge of 80% of the highest registered Demand for the preceding eleven month period.

**Duration of Contract:**

Three years, or until a Public Service Board approved change becomes effective, whichever comes first.

**Effective:**

Effective for service rendered on or after January 1, 2011.

**NORTHFIELD ELECTRIC DEPARTMENT  
STREET & HIGHWAY LIGHTING RATE  
Rate SL**

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**Company Designation:** SL

**Available:**

This rate is available for street lighting purposes and is to be billed to the appropriate municipality within the service territory of the Northfield Electric Department ("Northfield") for Northfield –owned or Customer-owned street lighting equipment.

**Hours Of Operation:**

Street lights which are photo-cell controlled shall be operated from one-half hour after sunset until one-half-hour before sunrise, a total of approximately 4,294 hours each year.

**Duration of Contract:**

One month unless a longer time is necessary to comply with rules and regulations.

**Northfield-Owned Street Light Equipment On Northfield Poles:**

**Monthly Rate:**

<b><u>High Pressure Sodium</u></b>	<b><u>Per Fixture Per Month</u></b>
100 Watt	\$9.17
150 Watt	\$12.80
250 Watt	\$14.58
<b><u>LED Lighting</u></b>	<b><u>Per Fixture Per Month</u></b>
20 LED 37 Watt	\$ 4.09
20 LED 50 Watt	\$ 4.53
40 LED 60 Watt	\$ 5.46
40 LED 92 Watt	\$ 6.54

**Customer-Owned Efficient Street Light Equipment On Customer-Owned Poles:**

**NORTHFIELD ELECTRIC DEPARTMENT  
STREET & HIGHWAY LIGHTING RATE  
Rate SL**

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On Customer owned poles, 1) the Customer will furnish and install all poles and associated equipment either overhead or underground with specifications subject to Northfield's prior approval or 2) the Customer may request Northfield to install, in compliance with Northfield standards, all poles and associated equipment based on a time and material bid price. To be eligible for this rate all equipment must be photo-cell controlled. The Customer shall be responsible for maintaining the Customer-owned portion of the streetlight system.

Northfield will supply unmetered electric energy for Customer-owned outdoor photo cell controlled street lighting equipment (based on 4,294 hours of operation per year) at the rates set forth below. The monthly kWh for photo-cell controlled lighting equipment is based on the total nominal wattage of the equipment, multiplied by the annual estimated hours of operation, divided by 12 months to determine an average monthly kWh use. A customer must complete an application providing the type of light(s), total wattage of each type of light, number of each type of light being installed and general specifications, instructions, dimensions, etc. that apply to the equipment. No billing adjustments will be made for individual service outages. The Customer is responsible to provide proper and timely maintenance to ensure that photovoltaic cell controls operate properly and equipment is maintained to minimize outage time. Northfield reserves the right to discontinue service upon notice under this rate if the system is not properly maintained.

**Monthly Service Rate:** (Payable in U.S. Currency)

**Monthly Energy Rate:**

\$0.09385 per kWh (based on the average monthly kWh use described above)

**Customer-Owned Efficient Street Light Equipment On Northfield-Owned Poles**

A customer requesting installation of customer-owned lighting on Northfield-owned poles shall supply all equipment specifications for Northfield approval prior to purchase and installation. Northfield, or Northfield designated contractor, shall install customer owned lighting systems on Northfield poles at the customer's expense. Installation charges shall be on an actual time and materials basis during normal business hours. The customer is responsible for providing all of the lighting equipment and appurtenances required to install the fixtures on

**NORTHFIELD ELECTRIC DEPARTMENT  
STREET & HIGHWAY LIGHTING RATE  
Rate SL**

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the poles. Northfield will maintain customer owned lighting systems on Northfield poles on an actual time and materials basis. The customer is responsible for supplying all necessary materials, including any required inventory, as Northfield does not stock material for customer owned systems. Northfield shall own and maintain all poles, wires, and other equipment and apparatus necessary for supplying voltage to customer owned lighting systems on Utility poles.

Northfield will supply unmetered electric energy for Customer-owned outdoor photo cell controlled street lighting equipment (based on 4,294 hours of operation per year) at the rates set forth below. The monthly kWh for photo-cell controlled lighting equipment is based on the total nominal wattage of the equipment, multiplied by the annual estimated hours of operation, divided by 12 months to determine an average monthly kWh use. A customer must complete an application providing the type of light(s), total wattage of each type of light, number of each type of light being installed and general specifications, instructions, dimensions, etc. that apply to the equipment. No billing adjustments will be made for individual service outages. Northfield will provide proper and timely maintenance to ensure that photovoltaic cell controls operate properly and equipment is maintained to minimize outage time at the Customer's cost..

If lighting equipment owned by the customer must be replaced as a result of vandalism, accident or any other cause, the customer shall pay to Northfield the cost of removal of the existing equipment and the cost of replacement equipment including installation costs. The customer shall provide necessary materials and pay for labor and other costs necessary for maintenance and repairs above and beyond lamp and photo cell maintenance, including repairs and/or the replacement of damaged lighting equipment, regardless of the cause, nature or extent of physical damage. The customer agrees to hold Northfield harmless from any damage or injury relating to the customer owned equipment.

MONTHLY SERVICE RATE: (Payable in U.S. Currency)

MONTHLY ENERGY RATE

\$0.09385 per kWh (based on the average monthly kWh use described above)

**NORTHFIELD ELECTRIC DEPARTMENT  
STREET & HIGHWAY LIGHTING RATE  
Rate SL**

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**Customer Requested Conversion Of Existing Street Lighting Equipment Or Service:**

Northfield shall have the right to require those Customers requesting modification or replacement of existing Street Lighting Equipment with alternative equipment or services to reimburse Northfield for the un-depreciated cost of the equipment being converted or replaced, plus all costs, including make-ready costs, not recovered in the monthly charge for the alternative lighting or service. Reimbursement shall take place prior to conversion or removal of existing equipment. For purposes of this rate, HPS and LED street lighting and replacement of Northfield-owned lighting with customer-owned lighting on Northfield poles shall be considered to be alternative lighting equipment.

Mercury vapor street lighting is not available. Northfield reserves the sole right to determine the end of a street lighting fixture's useful life and the appropriate replacement.

**Terms:**

The above rate is net, billed monthly and payable upon presentation of bill. Such other terms and conditions of the utility as may be in effect from time to time shall apply. When not paid by the due date, which will be 30 days from date of the bill, service is subject to disconnection.

**Effective:**

On service rendered on and after January 1, 2012.

# NORTHFIELD ELECTRIC DEPARTMENT

## Rate YL YARD LIGHT RATE

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**Company Designation:** YL

**Available:**

This rate is available for street lighting purposes and is to be billed to the appropriate municipality or customer within the service territory of the Northfield Electric Department (“Northfield”) for Northfield –owned or Customer-owned street lighting equipment.

**Hours Of Operation:**

Street lights which are photo-cell controlled shall be operated from one-half hour after sunset until one-half-hour before sunrise, a total of approximately 4,294 hours each year.

**Duration of Contract:**

One month unless a longer time is necessary to comply with rules and regulations.

**Northfield-Owned Yard Lighting Equipment On Northfield Poles:**

Monthly Rate:

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<u>High Pressure Sodium</u>	<u>Per Month</u>
100 Watts per month	\$ 9.80
175 Watts per month	\$15.43
400 Watts per month	\$35.02

<u>LED Lighting</u>	<u>Per Month</u>
20 LED 37 Watt	\$ 4.09
20 LED 50 Watt	\$ 4.53
40 LED 60 Watt	\$ 5.46
40 LED 92 Watt	\$ 6.54

**Customer-Owned Efficient Street Light Equipment On Customer-Owned Poles:**

On Customer owned poles, 1) the Customer will furnish and install all poles and associated equipment either overhead or underground with

## NORTHFIELD ELECTRIC DEPARTMENT

### Rate YL YARD LIGHT RATE

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specifications subject to Northfield's prior approval or 2) the Customer may request Northfield to install, in compliance with Northfield standards, all poles and associated equipment based on a time and material bid price. To be eligible for this rate all equipment must be photo-cell controlled. The Customer shall be responsible for maintaining the Customer-owned portion of the streetlight system.

Northfield will supply unmetered electric energy for Customer-owned outdoor photo cell controlled Yard lighting equipment (based on 4,294 hours of operation per year) at the rates set forth below. The monthly kWh for photo-cell controlled lighting equipment is based on the total nominal wattage of the equipment, multiplied by the annual estimated hours of operation, divided by 12 months to determine an average monthly kWh use. A customer must complete an application providing the type of light(s), total wattage of each type of light, number of each type of light being installed and general specifications, instructions, dimensions, etc. that apply to the equipment. No billing adjustments will be made for individual service outages. The Customer is responsible to provide proper and timely maintenance to ensure that photovoltaic cell controls operate properly and equipment is maintained to minimize outage time. Northfield reserves the right to discontinue service upon notice under this rate if the system is not properly maintained.

**Monthly Service Rate:** (Payable in U.S. Currency)

**Monthly Energy Rate:**

\$0.09385 per kWh (based on the average monthly kWh use described above)

**Customer-Owned Efficient Yard Lighting Equipment On Northfield-Owned Poles**

A customer requesting installation of customer-owned lighting on Northfield-owned poles shall supply all equipment specifications for Northfield approval prior to purchase and installation. Northfield, or Northfield designated contractor, shall install customer owned lighting systems on Northfield poles at the customer's expense. Installation charges shall be on an actual time and materials basis during normal business hours. The customer is responsible for providing all of the lighting equipment and appurtenances required to install the fixtures on the poles. Northfield will maintain customer owned lighting systems on Northfield poles on an actual time and materials basis. The customer is responsible for supplying all necessary materials, including any required inventory, as Northfield



## NORTHFIELD ELECTRIC DEPARTMENT

### Rate YL YARD LIGHT RATE

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does not stock material for customer owned systems. Northfield shall own and maintain all poles, wires, and other equipment and apparatus necessary for supplying voltage to customer owned lighting systems on Northfield poles.

Northfield will supply unmetered electric energy for Customer-owned outdoor photo cell controlled yard lighting equipment (based on 4,294 hours of operation per year) at the rates set forth below. The monthly kWh for photo-cell controlled lighting equipment is based on the total nominal wattage of the equipment, multiplied by the annual estimated hours of operation, divided by 12 months to determine an average monthly kWh use. A customer must complete an application providing the type of light(s), total wattage of each type of light, number of each type of light being installed and general specifications, instructions, dimensions, etc. that apply to the equipment. No billing adjustments will be made for individual service outages. Northfield will provide proper and timely maintenance to ensure that photovoltaic cell controls operate properly and equipment is maintained to minimize outage time at the Customer's cost..

If lighting equipment owned by the customer must be replaced as a result of vandalism, accident or any other cause, the customer shall pay to Northfield the cost of removal of the existing equipment and the cost of replacement equipment including installation costs. The customer shall provide necessary materials and pay for labor and other costs necessary for maintenance and repairs above and beyond lamp and photo cell maintenance, including repairs and/or the replacement of damaged lighting equipment, regardless of the cause, nature or extent of physical damage. The customer agrees to hold Northfield harmless from any damage or injury relating to the customer owned equipment.

MONTHLY SERVICE RATE: (Payable in U.S. Currency)

#### MONTHLY ENERGY RATE

\$0.09385 per kWh (based on the average monthly kWh use described above)

#### Customer Requested Conversion Of Existing Street Lighting Equipment Or Service:

Northfield shall have the right to require those Customers requesting modification or replacement of existing Street Lighting Equipment with

## NORTHFIELD ELECTRIC DEPARTMENT

Rate YL  
**YARD LIGHT RATE**

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alternative equipment or services to reimburse Northfield for the un-depreciated cost of the equipment being converted or replaced, plus all costs, including make-ready costs, not recovered in the monthly charge for the alternative lighting or service. Reimbursement shall take place prior to conversion or removal of existing equipment. For purposes of this rate, HPS and LED yard lighting and replacement of Northfield-owned lighting with customer-owned lighting on Northfield poles shall be considered to be alternative lighting equipment.

Mercury vapor street lighting is not available. Northfield reserves the sole right to determine the end of a street lighting fixture's useful life and the appropriate replacement.

**Terms:**

The above rate is net, billed monthly and payable upon presentation of bill. Such other terms and conditions of the utility as may be in effect from time to time, shall apply,

**Effective:**

On service rendered on and after January 1, 2012.

## **LINE EXTENSION POLICY**

1. Purpose. To govern the method by which the **Village of Northfield Electric Department (“Utility”)** will recover the costs of Electric Service Extensions and the conditions under which such service extensions will be constructed, tracked and operated.

2. Applicability

This electric service extension policy applies to all single-phase and multi-phase service extensions to customers of **Utility**.

3. Definitions

(a) **Service Extension:** The electric facilities required to connect from the existing power line to the customer’s premise at the time of request for service. The service extension shall include all poles, primary wiring, secondary wiring, transformer(s), meter(s), right-of-way acquisition and clearing, trenching and backfilling, installation, and any other one-time cost items associated with service only to that new customer. A Service Extension shall include the reestablishment of a previously abandoned Service Extension.

(b) **Service Drop:** A 100-foot overhead power line from the **Utility’s** secondary facilities to the Delivery Point (as further defined) The service drop is defined as a minimum overhead secondary electrical connection (100 amp single-phase) and shall not include poles, primary wiring, right-of-way acquisition and clearing, trenching and backfilling, installation, and any other cost item required to serve a new or relocated customer.

(c) **Contributions-In-Aid-Of-Construction:** The monetary contributions to **Utility** by a customer requesting service to design, furnish, place and construct such primary and secondary service extensions as are necessary to render the service requested.

(d) **Conduit:** The pipe that encloses and protects electric conductors in underground power installations, including necessary fittings and connectors.

(e) **Customer Owned Lines:** Electric service lines, at either primary or secondary voltage, extending beyond the defined Delivery Point(s).

(f) **Delivery point:** The point at which **Utility**-owned facilities first connect to the customer-owned facilities.

(g) **Loop Feed Electric System:** Electric service provided from an underground primary distribution line which is capable of receiving its electric supply from two different directions of the distribution line.

4. Contributions-in-Aid-of-Construction for Service Extensions

**Utility’s** costs for all line and service extensions will be based on the actual costs incurred for material, labor, overhead, clearing, acquisitions of rights of way, blasting, permits, leases, legal fees, required federal, state and/or municipal studies and any other costs actually incurred in the construction of the electric service extension. Each new single family residence or individual dwelling unit will receive a credit equal to the cost of the service drop as defined above towards the overall cost. If the cost of a line

extension is less than the cost of the service drop credit(s) as defined above, the amount of the service drop credit shall be the same as the cost of the extension.

Upon receipt of a written request from a customer for a line extension, accompanied with a \$250 application fee, **Utility** will complete a preliminary engineering design and provide the customer with a written cost estimate for the proposed line extension. The application fee shall be credited against the cost of the line extension if it is constructed. **Utility** will retain the fee if the customer elects not to have the line constructed. **Utility** may require an additional engineering fee for requested redesigns of the line extension. Customer shall sign an agreement to pay **Utility** the final actual line extension charges according to the tariff then in effect upon completion of the job. The amount of the estimated payment shall be paid prior to any construction of the line or service extension.

5. Cost Recovery Period for Contribution-in-Aid-of-Construction

Whenever more than one customer is connected to said line extension, such contribution in aid of construction, however paid, shall be computed to yield to the **Utility** not more than the total cost of extending or expanding service to the new customer(s) less the service drop credit provided in Section III. Amounts to be collected from new customers connecting to customer financed lines shall be computed as follows:

- (a) For a period of five (5) years from the completion of construction of a line extension, reimbursement from new customers connecting to said line to customers entitled to reimbursements shall be based upon an equal sharing of the full cost of construction of the subject line extension, adjusted to the percentage used of that line extension to the point of connection.
- (b) For a period of ten (10) years immediately following the initial five (5) year period discussed in (A) above, reimbursement to customers entitled to reimbursements shall be based upon an equal sharing of the full cost of construction of the subject line extension depreciated at a straight line rate to zero at the end of the ten (10) year period, also adjusted to the percentage of the line extension used to the point of connection.
- (c) For each new transaction (defined as one or more new connections at the same time and location) involving a line that is subject to contribution-in-aid-of-construction payments for new connections within the 15-year reimbursement period, an administrative fee based on actual costs not to exceed \$100.00 shall be retained by the **Utility** from the total amount to be reimbursed to customers entitled to reimbursements. If the total amount of all reimbursements owed for each transaction is less than the **Utility's** administrative fee, no reimbursements shall be made.
- (d) All line extension reimbursement, less the administrative fee, shall be paid by the **Utility** to the current owners of the dwellings or structures served by line extensions that are subject to reimbursement payments for new connections, except that reimbursement payments shall be made to any customer who paid for or contributed to the costs of line extensions and who subsequently sold the dwellings or structures originally served prior to the effective date of the Vermont Public Service Board's Order of September 21, 1999, in Docket No. 5496.

6. Interest on Customer Funds Held by Utility

- (a) No interest shall be paid on the initial engineering fee.
- (b) No interest shall be paid on funds received in advance of line extension construction and used for the purpose of ordering long lead time specialty items necessary for the subject line extension
- (c) With the exception of items (a) and (b) above, interest shall be paid at the rate of 1% per month to line extension customers on funds received in advance of construction (unless returned to the customer), from sixty (60) days after the payment is received by the **Utility** to the date of the commencement of the line extension construction.
- (d) No interest shall be paid by the **Utility** under item (c) above as a result of construction delays beyond the control of the **Utility**.
- (e) Interest to be paid on funds received more than sixty (60) days in advance of the commencement of line extension construction may be waived by customers seeking priority status for construction at a specified time as agreed to by both the customer and **Utility**.

7. Delivery Points

**Utility's** delivery points for this tariff are defined as follows:

Residential and Commercial customers served by overhead secondary lines – point of attachment of the line to a structure at the weatherhead.

Residential and Commercial customers served by an underground secondary service – the secondary terminals of the transformer

Residential and Commercial customers served with secondary pole metering – the weatherhead on the secondary pole.

Customers served by primary metered overhead or underground primary lines – **Utility's** first point of disconnect after the primary metering.

**Utility** reserves the right to modify the Delivery Point at its discretion if it is deemed in the best interest of **Utility** and the customer.

8. Construction Standards

**Utility** will determine the design and construction requirements for each line extension application and the line extension shall conform to these standards. **Utility** will provide a copy of its general standards and requirements upon request. All line extensions shall conform to the latest edition of the National Electrical Safety Code at a minimum.

9. Conduit Requirements

All customers requesting underground primary or secondary cable that will be owned by **Utility** must provide and install conduit to **Utility's** specifications. **Utility** shall credit the customer 50% of the cost of the conduit.

10. Underground Primary Loop Feed Systems

A loop feed system as defined in Public Service Board Rule 5.600 shall be installed when such a system is necessary in the judgment of **Utility**, which shall take into account load, reliability and other relevant factors. **Utility** will credit the customer 50% of the conduit installation

Additionally, **Utility** may require a customer to provide a spare conduit in situations where it determines a loop feed system may be required in the future. **Utility** will either supply the conduit or reimburse the customer for the cost of the second conduit. **Utility** may recover 50% of its cost for the conduit installation from future customers that attach to the loop feed system.

11. Use of Private Contractors for **Utility** Owned Line Extensions

A customer who wants to hire a private contractor for construction of a distribution line extension must contact **Utility** prior to any construction. **Utility** will design the line extension to its standards and may perform field inspections during and or after construction at the customer's expense. **Utility** is not responsible for the performance of contractors hired by a customer, including, but not limited to, the timeliness of work completion and difficulties associated with construction. If at any time a **Utility** inspection finds the construction is not to the design or standards, the line will not be connected to the system until the deficiency is rectified.

12. Appropriate Customer Payment of Contributions-in-Aid-of-Construction for Service Relocations

For all relocated distribution lines that provide a benefit to the **Utility**, customers who request the relocation shall reimburse the **Utility** for distribution line relocations according to the following formula:

$$CP \text{ TAX ADJ} = \text{New Line} + PV \text{ DEP} - SV \text{ EXISTING}$$

Where:

$$CP \text{ TAX ADJ} = \text{Customer Payment, adjusted for any **Utility** tax liability}$$

$$\text{New Line} = \text{Total cost of relocating the line today}$$

$$PV \text{ DEP} = \text{Present value of any unrealized depreciation expense associated with the existing line}$$

$$SV \text{ EXISTING} = \text{Salvage value of existing line (including line removal costs)}$$

13. Change in Presumption as to Reimbursements for Contributions-in-Aid-of-Construction

The presumption regarding reimbursements for customer financed lines shall be changed if there is a grantee/grantor relationship between the person connecting to a customer financed line and the person who originally paid for the line to whom a reimbursement would otherwise have been due. In such cases, no reimbursement shall be collected from the connecting customer or paid by **Utility** to the grantor.

14. Customer Owned Primary lines

Residential customers will generally not be allowed to own primary overhead and underground lines. Where **Utility** and the customer agree that such ownership is appropriate, **Utility** may, at its option, petition the Public Service Board for a waiver of this prohibition. Any such petition shall address the issue of underground damage prevention with respect to the facilities to be owned by the customer. **Utility** shall design and determine the location of the interconnection of the customer owned line and may inspect the line before and after construction. If the line is determined to be unsafe, **Utility** will not connect the line to its system until the deficiencies are remedied.

Issue Date: October 31, 2008

Effective: November 7, 2008

Title Sheet  
original page 1

**Village of Northfield Electric Department**

**Tariff No. TC-1  
Terms and Conditions  
Applicable to All Rates for Electric Service**



Filed: February 10, 2014  
Effective: April 1, 2014



Table of Contents  
original page 2

Title sheet.....page 1  
Table of Contents.....page 2  
Section 1.A - Applicability..... page 3  
Section 1.B - Relationship to Public Service Board Rules..... page 3  
Section 1.C - Superseding of Prior Terms and Conditions.....page 3  
Section 2 - Vt. Utilities Electric Service Requirements Manual.....page 4  
Section 3 – Meter reconnection and disconnection fees.....page 5  
Section 4 - Returned checks.....page 6  
Section 5 - Hook up of temporary service.....page 7  
Section 6 – Other Services.....page 8  
Section 7 - Customer calls where issue is not attributable  
to Company.....page 9  
Section 8 - Late payment charges.....page 10  
Section 9 - Company not liable for losses, damage or injury.....page 11  
  
Section 10 - Tampering with equipment; theft of property or  
services.....page 12  
Section 11 – No resale of electricity.....page 13  
Section 12 – Temporary inapplicability of terms and conditions.....page 14  
  
Attachment 1 – Vt. Utilities Electric Service Requirements  
Manual (2012 edition-114 total pages)

**1.**

**A. Applicability.**

These terms and conditions apply to all customer classes and all ratepayers served by the Village of Northfield Electric Department (“the Company”). These terms and conditions shall remain in effect until superseded by amended filings or by operation of law.

**B. Relationship to Public Service Board Rules.**

The Company acknowledges the existence of Rules of the Vermont Public Service Board on numerous subjects, including but not limited to customer disconnections, pole attachments, customer billing information, net metering and line extensions. Those rules, as they may be amended from time to time, are hereby incorporated into and made a part of these Terms and Conditions. To the extent that those Rules or any part thereof may be inconsistent with these Terms and Conditions, the Rules shall control.

**C. Superseding of prior Terms and Conditions.**

These Terms and Conditions supersede and replace any prior terms and conditions on file with the Public Service Board, the offices of the Company, or both, except that they do not replace alter or amend the Company’s general rate schedules, Rule 3.700 pole attachment tariff, Rule 5.600 line extension tariff or Statement of Generally Available Rates, Terms and Conditions (“SGAT”) pursuant to 30 V.S.A. § 8092.

## **2. Vermont Utilities Electric Service Requirements Manual**

The Company incorporates into these Terms and Conditions the Vermont Utilities Service Requirements Manual (attached hereto as attachment 1, and made a part hereof) as may be revised and updated from time to time. In so doing, the Company recognizes that the Manual is, by its own terms, intended to serve as a guide, and that work practices of the Company, regulatory requirements or other factors may require good faith deviation from the Manual in a given situation.

### **3. Reconnection and Disconnection fees**

The Company will charge customers the following amounts for disconnection and/or reconnection of meters:

Where it is reasonably necessary for the Company to go to the customer's premises or some other location in order to seek collection of outstanding charges following issuance of a disconnection notice to that customer, the Company may assess a fee of \$35.00 for each such visit.

Disconnection upon late notice: \$35.00

Disconnection of seasonal customers and other non delinquent customers during business hours of the Company: \$35.00

Disconnection for tampering with equipment or theft of property or services in violation of section 11 of these terms and conditions: \$150.00

Reconnection during business hours upon late notice: \$35.00

Reconnection after hours upon late notice (to the extent Company personnel are available): \$150.00

Reconnection of seasonal customers and other non delinquent customers during business hours of the Company: \$35.00

**4. Returned checks.**

a. Should any check issued by a customer for payment of any service offered by the Company be returned for insufficient funds, the Company may require that, for a period of up to one year thereafter, payments from that customer be made by cash, money order, wire transfer or other method reasonably intended to assure secure payment.

b. Any bank or other financial institution charges incurred by the Company as a result of the tendering of a dishonored check by a customer, plus an administrative charge of \$25.00, shall be added to the customer's next monthly bill.

## **5. Hook up of Temporary Service**

If GMP performs a hook up of temporary service for the Company at the request of a customer of the Company, the customer shall pay in advance a fee of \$190.00.

## **6. Other Services**

For prearranged disconnections and reconnections not falling within Section 3 of these terms and conditions, the Company charges a fee of \$100.00 per trip, and disconnection and reconnection shall be considered separate trips. For other services not covered by these terms and conditions or other tariffs of the Company, the Company shall provide the customer with a written estimate for the work. The Company shall collect the full amount of the written estimate prior to beginning the work, and shall collect the balance, or refund any amount by which the estimate exceeded the cost of the work, within 30 days of the rendering by the Company of the bill for the work.

**7. Customer calls where issue is not attributable to Company.**

In instances where the Company responds to a “no power” or other call from a customer, and the issue is attributable to circumstances on the customer side of the meter and not to the Company, the Company shall bill customer an amount reflecting the costs incurred by the Company in connection with the response. The Company shall take reasonable steps to encourage the customer to call an electrician or pursue other options prior to responding pursuant to this section.



**8. Late payment charges.**

The Company will assess a late payment charge of 1% per month on all delinquent account balances.

**9. Company not liable for losses, damage or injury.**

The Company shall not be liable for any losses, damage or injury resulting from:

- a. Any cause resulting from the actions of the customer or the customer's agent or employee, including but not limited to the customer's electrician and/or subcontractor;
- b. The customer's wiring or appliances;
- c. Overloading by the customer of the service provided, whether such overloading be intentional or unintentional;
- d. Tampering by the customer or any third person with the Company's equipment; or
- e. Any other cause not resulting from the sole negligence of the Company.

**10. Tampering with equipment; theft of property or services.**

The Company shall have the right to disconnect service immediately, and to charge a disconnection fee as set forth in section 3 of these terms and conditions, upon its reasonable ascertainment that customer or customer's family members, cohabitants, tenants, agents or employees have committed any criminal act relative to the electric service provided by the Company, including but not limited to theft of electricity or theft of, tampering with or vandalizing Company property in any way. The Company shall not be obligated to reconnect service absent complete restitution for any and all damage and loss suffered by the Company.

**11. No resale of electricity.**

Customer shall not sell, resell, assign or otherwise dispose of any or all of the electricity sold to customer by Company without the written consent of the Company. Any such resale or transfer shall be grounds for immediate disconnection by Company to the fullest extent permitted by law.

**12. Temporary inapplicability of terms and conditions.**

Notwithstanding any other provisions of these terms and conditions, the Company may disconnect service for reasons of health and safety, or during natural disasters or other emergency situations, with no notice if conditions so require.

**POLE.ATT:00.00 POLE ATTACHMENTS, GENERAL**

01. Subject to the terms and conditions contained in this Tariff, any Attaching Entity holding a Certificate of Public Good (Certificate) issued by the Vermont Public Utility Commission (PUC or Commission) may attach appropriate facilities to poles, anchors and rights-of-way owned wholly or jointly by Licensor.
02. Before making any attachments to such poles, the Attaching Entity must obtain from Licensor written authorization for the proposed attachment (s) subject to the terms of this Tariff and any authorization required by any joint owners.
03. All terms and conditions set forth in this Tariff also apply to any Attaching Entity with existing attachments to Licensor poles, notwithstanding the absence or prior written authorization from Licensor.
04. Pole rental rates as well as terms and conditions of payment are listed on the Tariff sheets included in Appendix A of this Tariff.
05. Except as specifically provided, nothing in this Tariff shall be construed to confer a right upon any Attaching Entity to alter, move, or otherwise perform work upon facilities owned by another Attaching Entity or by Licensor.
06. The rights and obligations of Licensor or Attaching Entity, whether or not specifically addressed in this Tariff, are governed by the provisions of PUC Rule 3.700, as amended from time-to-time and as interpreted and applied by the PUC.

**POLE.ATT:01.00    DEFINITIONS**

01.    Anchor Rod: a metal rod connected to an anchor and to which a guy strand is attached (also known as "guy rod").
  
02.    Attachments - Any of Attaching Entity's facilities in direct contact with or supported by a utility pole, and/or any article of equipment attached to a point on a pole not normally occupied by a strand attachment (e.g., power supplies, equipment, cabinets, terminals, etc.). For billing purposes an attachment is a strand, regardless of the number of conductors lashed to it, and pole mounted power supplies. If new or existing over-lashed facilities are owned by more than one Attaching Entity, then each Attaching Entity shall pay Licensor the applicable attachment rate designated by this Tariff in Attachment A.
  
03.    Attaching Entity means any entity defined in PUC Rule 3.702(8) and authorized to provide service within the service territory of Licensor and which has, or desires to make, attachments to poles owned in whole or in part by Licensor.
  
04.    **Broadband Service Provider means an entity authorized to do business in the state of Vermont that seeks to attach facilities that ultimately will be used to offer Internet access to the public. Wireless Broadband Service Providers must hold an FCC license or use equipment that complies with applicable FCC requirements. A Broadband Service Provider who does not hold a certificate of public good must, before availing itself of the provisions of this Rule, file with the Commission and with any affected Pole-Ownning Utility an affidavit that sets forth the Provider's name, form of legal entity, contact information, agent for service of process, proposed general area of service, proof of insurance, and a representation that the Provider will abide by the terms and conditions of Rule 3.700 and any applicable pole attachment tariffs, including but not limited to any protocols filed pursuant to Rule 3.708(K), and any Rules and Orders issued by the Commission.**
  
05.    Field Service Work or Survey Work: a survey of the poles on which Attaching Entity wishes to attach in order to determine what work, if any, is required to make the pole ready to accommodate the required attachment, and to provide the basis for estimating the cost of this work.

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\*Effective October 1, 2020

06. Guy Strand: a metal cable of high tensile strength which is attached to a pole and anchor rod (or another pole) for the purpose of reducing pole stress.
07. Joint Owner: a person, firm or corporation having an ownership interest in a pole and/or anchor rod with Licensor.
08. Make-Ready Work: All work, including, but not limited to, rearrangement and/or transfer or existing facilities and attachments, replacement of a pole or any other changes required to accommodate the attachment of Attaching Entity's facilities to a pole or anchor.
09. Pre-Construction Survey: Comprised of field inspection of the existing pole and anchor attachments to determine any necessary Make-Ready Work, and the administrative effort required to process the application and prepare the charges for Make-Ready Work, if applicable.
010. Material Alteration: after initial attachment, actions by the Attaching Entity, such as addition of equipment, changes in the configuration of existing equipment, or replacement of equipment, which either require additional clearance or add sufficient stress to the pole to require Make-Ready Work. A system rebuild does not constitute a material alteration except where accommodation of any temporary simultaneous attachment associated with such rebuilding necessitates make-ready work. The use of a "J" hook during a system rebuild does not require make-ready work and therefore a rebuild in-place does not require the full application process.
011. Other Entity: any entity, including an Attaching Entity.
012. Tariff: These terms & conditions, the rates as set forth in Appendix A, the forms found in Appendix B and the *Guidelines for Broadband Service Provider Antenna Systems Mounted on Distribution Poles* attached as Exhibit C.



**POLE.ATT:02.00    RESERVED FOR FUTURE USE**

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\*Effective October 1, 2020

**POLE.ATT:03.00 ATTACHMENT LICENSE**

01. Subject to the provisions of this Tariff, including payment of the fees and charges, Licensor will issue to Attaching Entity revocable, nonexclusive written license to attach facilities to the space available on Licensor's poles, anchors and rights-of-way. License is required prior to attachment to any pole, anchors and rights-of-way owned in whole or in part by Licensor.
02. No use, however, extended, of Licensor's poles, anchors and rights-of-way or payment of any fees or charges required under this Tariff shall create or vest in Attaching Entity any ownership or property rights in such poles, anchors and rights-of-way. Attaching Entity's rights to use of Licensor's poles, anchors and rights-of-way shall be and remain strictly a license. No license granted under the terms of this Tariff shall constitute an assignment of any of Licensor's rights to use the public or private property at the location of Licensor's poles, anchors and rights-of-way.
03. Nothing contained in this Tariff shall be construed to compel Licensor to construct, retain, extend, place or maintain any pole or other facilities not needed for Licensor's own service requirements. Licensor may relocate, remove, operate, modify or reconfigure its poles or other facilities as it deems prudent for its own needs.
04. Nothing contained in this Tariff shall be construed as a limitation, restriction, or prohibition against Licensor with respect to any agreement(s) and arrangement(s) which Licensor has previously made, or may in the future make, with other entities. Nothing in the foregoing provisions of this subsection shall take away rights or impose additional or conflicting obligations upon Attaching Entities under this Tariff or the Commission's Rules governing pole attachments.
05. Failure of Licensor to enforce any of the terms or conditions of this Tariff, or to give notice of termination of license, shall not constitute a waiver or relinquishment of any term or condition of the Tariff, but the same shall be and remain at all times in full force and effect.
06. By attaching to any of Licensor's poles, anchors and rights-of-way pursuant to this Tariff, Attaching Entity agrees that any and all obligations imposed on Attaching Entity by this Tariff shall extend to each and every sub-contractor hired by Attaching Entity to perform work on Licensor's poles, anchors and rights-of-way, along with any subcontractors hired by subcontractors, no matter how many levels of sub-contracting are involved. Attaching Entity shall be and remain

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\*Effective October 1, 2020

responsible to assure that any such subcontractors and sub-subcontractors shall comply with all terms of this Tariff. Should any subcontractor, or sub-subcontractor of Attaching Entity, violate any term of this Tariff, then Attaching Entity itself shall be jointly and severally responsible for and liable to Licensor for such violations by the subcontractor or sub-subcontractor.

07. Licensor will provide non-discriminatory access to any pole, anchor, or right-of-way in which it has an ownership interest. Licensor may deny access for reasons of safety, reliability, or applicable and accepted engineering standards. Licensor may deny access on a non-discriminatory basis where there is insufficient capacity. Insufficient capacity shall not be grounds for denial of access where make-ready work can be used to increase or create capacity.

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\*Effective October 1, 2020

**POLE.ATT:04.00 PAYMENT OF FEES AND CHARGES**

01. Attaching Entity shall pay to Licensor the fees and charges specified in Appendix A of this Tariff, in accordance with the terms and conditions set forth herein. Nonpayment of any amount due under this Tariff shall constitute a default.
02. Attaching Entity shall make an advance payment to Licensor prior to each of (a) the required field survey in an amount specified by Licensor as sufficient to cover the estimated cost of the survey; and (b) any make-ready work required in an amount specified by Licensor as sufficient to cover the estimated cost of the make-ready work. The amount of any advance payment required will be credited against the charges for services as specified by the Tariff.
03. When an advance payment made by Attaching Entity to Licensor for field survey or Make-Ready Work is less than the actual cost to Licensor for such work, Attaching Entity shall pay Licensor all sums due in excess of the amount of the advance payment.
04. When an advance payment made by Attaching Entity to Licensor for field survey or make-ready work exceeds the actual cost to Licensor for such work, Licensor shall refund the difference to Attaching Entity.

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\*Effective October 1, 2020.

**POLE.ATT:05.00 LEGAL REQUIREMENTS**

01. Attaching Entity shall be responsible for obtaining from the appropriate public and/or private authority any required authorization, including rights-of-way, to construct, operate and maintain its attachments on public and private property at the location of Licensor's poles which Attaching Entity uses. Attaching Entity must submit to Licensor evidence of such authority before making attachments. Licensor shall make available whatever property interests it has obtained with respect to the placement of facilities on its poles and anchors but shall not be required to request additional property interests solely for the benefit of the Attaching Entity. Licensor will not deny access to its poles based on a questionable use of a right-of-way; however, Attaching Entity will indemnify Licensor against all costs and claims resulting from a legal challenge to Attaching Entity's use of that right-of-way. Licensor shall not seek easements exclusively for the benefit of Licensor.
02. Attaching Entity and Licensor shall at all times observe and comply with all laws, ordinances, and regulations which in any manner affect the rights and obligations of the parties.
03. No license granted under terms of this Tariff shall extend to any pole where it has been determined by a court of law or the PUC that the placement of Attaching Entity's attachments would result in forfeiture of the rights of Licensor or any joint owners to occupy the property on which the poles are located. If placement of Attaching Entity's attachments would result in forfeiture of the right to occupy such property, Attaching Entity shall remove its attachments immediately and pay Licensor and any joint owners all losses, damages, and costs incurred as a result.

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\*Effective October 1, 2020.

**POLE.ATT:06.00 TECHNICAL SPECIFICATIONS**

01. Attaching Entity's attachments shall be placed and maintained in accordance with the requirements and specifications of the latest editions of the National Electrical Code, the National Electrical Safety Code, the rules and regulations of the Occupational Safety and Health Administration and the specifications of any joint owners(s)(if any) and any other governing authority having jurisdiction over the subject matter. Where specifications differ, the more stringent shall apply.
02. Before Attaching Entity or any subcontractor of Attaching Entity, or any subcontractor of a subcontractor commences work for the first time on any portion of Licensor's utility plant, Attaching Entity and/ or such subcontractor or subcontractor(s) shall meet with Licensor for Licensor to review Licensor's construction standards and practices with Attaching Entity and/ or such subcontractor.
03. If any part of Attaching Entity's attachments is improperly placed and maintained, Licensor may, upon sixty days written notice to Attaching Entity and in addition to any other remedies Licensor may have under this Tariff, remove such attachments from any or all of its poles or take such other action in connection with said attachment necessary to provide for the safety of its employees or performance of its service obligations. Removal of attachments shall be at the Attaching Entity' s expense and without liability to Licensor except in the case of any negligence or willful misconduct of Licensor.
04. During any period of time when Attaching Entity or any subcontractor of Attaching Entity is conducting any form of work on or around Licensor's poles, Licensor shall have the right to conduct inspections at any time of the work being performed by Attaching Entity or Attaching Entity's subcontractors on Licensor's utility plant.
05. Should Licensor find any deviation by Attaching Entity or a subcontractor of Attaching Entity, or a subcontractor of a subcontractor, from Licensor's standards referenced in 06.01 and practices for work on Licensor's utility plant in place at the time license for the attachments is granted, then Licensor shall be entitled to order Attaching Entity and/ or any subcontractors to immediately cease using the unapproved deviations when working on Licensor's utility plant.
06. Licensor adopts the guidelines set forth in Exhibit C as its attachment protocol pursuant to Commission Rule 3.708(K).

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\*Effective October 1, 2020.

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\*Effective October 1, 2020.

**POLE.ATT:07.00 PUBLIC LIABILITY INSURANCE**

01. Attaching Entity shall carry public liability insurance issued by a carrier authorized to do business in Vermont to protect both Attaching Entity and Licensor from and against any and all claims, demands, judgments or liabilities of any and every kind or nature which may result, directly or indirectly, from or by reason of any loss, injury or damage caused by Attaching Entity.
02. Attaching Entity shall submit to Licensor certificates of public liability insurance from each company insuring Attaching Entity, demonstrating that such insurer or insurers have insured Attaching Entity for all liabilities of Attaching Entity covered by this Tariff and in the amounts required by this Tariff; and such certificates shall name Licensor as an additional insured under the public liability policy and specify that such insurer shall not cancel or change any such policy of public liability insurance issued to Attaching Entity except after the giving of not less than thirty (30) days' written notice to Licensor. Attaching Entity shall also document to Licensor's satisfaction that either: (A) any subcontractors employed by Attaching Entity (and any subcontractors of subcontractors of Attaching Entity) are covered by Attaching Entity's public liability insurance to the same extent required of Attaching Entity under this Tariff; or (B) that any such subcontractors (and subcontractors of subcontractors) have public liability insurance coverage in the same amounts as required of Attaching Entity under this Tariff, and shall also name Licensor as an additional insured under the public liability policy, and that such public liability insurance of such subcontractors also contains provisions requiring no less than 30 days' written notice to Licensor prior to cancellation.
03. The amounts of public liability insurance, without deductible, shall be not less than \$2,000,000 as to any one occurrence and \$2,000,000 in the aggregate against liability due to property damage; and not less than \$2,000,000 per occurrence and \$2,000,000 in the aggregate against liability due to injury to or death of persons.
04. Attaching Entity shall also carry appropriate Workers' Compensation insurance as required by law.
05. All public liability insurance must be effective before Attaching Entity attaches to any pole and shall remain in force until such attachments have been removed from all such poles.
06. Attaching Entity's property insurance policy shall contain a waiver-of-

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subrogation clause running to Licensor. This must be reflected in the certificate of insurance provided by Attaching Entity. Such policy shall be the primary remedy for all losses covered by the policy.

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\*Effective October 1, 2020.

**POLE.ATT:08.00 PRE-CONSTRUCTIONSURVEY ANDPOLEMAKE-READY  
WORK**

**Northfield Electric Department's pre-construction survey and pole make-ready process follows revised Rule 3.708, as made effective by the PUC's order of July 20, 2020 in Case No. 19-3603-RULE.**

- (A) Application. Applications for attachment by an Attaching Entity to a Pole-Owning Utility shall be submitted in writing and must provide the Pole-Owning Utility with the information necessary under the Pole-Owning Utility's procedures, as specified in requirements that are made available in writing by the Pole-Owning Utility, to begin to survey the facility to which attachment is sought.
- (1) A Pole-Owning Utility shall determine within 10 business days after receipt of an application whether the application is complete and notify the new Attaching Entity of that decision. If the Pole-Owning Utility does not respond within 10 business days after receipt of the application, or if the Pole-Owning Utility rejects the application as incomplete but fails to specify any reasons in its response, then the application is deemed complete. If the Pole-Owning Utility timely notifies the new Attaching Entity that its attachment application is not complete, then it must specify all reasons for finding it incomplete.
  - (2) Any resubmitted application need only address the Pole-Owning Utility's reasons for finding the application incomplete and shall be deemed complete within five business days after its resubmission, unless the Pole-Owning Utility specifies to the new Attaching Entity which reasons were not addressed and how the resubmitted application did not sufficiently address the reasons.
- (B) Initial Action and Survey.
- (1) A Pole-Owning Utility shall complete a Make-Ready survey within 45 days (or within 60 days in the case of larger orders as described in paragraph (E) of this section) from the date the completed application is received, unless otherwise agreed to by the parties. If a Pole-Owning Utility intends to deny access to poles under 3.707(A)(1), (2), or (3), it shall state with specificity the grounds for the denial.
  - (2) Where the new Attaching Entity has conducted a survey subject to paragraph (M)(2) of this section, a Pole-Owning Utility can elect to satisfy its survey obligations in this paragraph (B) and retain control over the Make-Ready process by notifying existing Attaching Entities of its intent to use the survey conducted by the new Attaching Entity and by providing a copy of the survey to the existing Attaching Entities within the time period set in paragraph (B)(1) of this section. A Pole-Owning Utility relying only on a survey conducted by the new Attaching Entity to satisfy all its obligations under this paragraph (B), and is not performing any

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additional survey work of its own, shall have 15 days to make such a notification to existing Attaching Entities rather than a 45-day survey period.

- (3) The Pole-Owning Utility's tariff may require prepayment, or other reasonable assurance of credit worthiness, before performing a Make-Ready survey.

(C) Estimate, New Attaching Entity's Authorization and Payment.

- (1) A Pole-Owning Utility shall present to a new Attaching Entity a detailed estimate of charges to perform all necessary Make-Ready work within 60 days (or within 75 days in the case of larger orders as described in paragraph (E) of this section) of the date the completed application is received, unless otherwise agreed to by the parties. In the case where a new Attaching Entity has performed a survey, the Pole-Owning Entity shall present the estimate within 21 days of receipt unless otherwise agreed to by the parties. Upon request from the new Attaching Entity, the estimate shall itemize the work on a pole-by-pole basis and identify the necessary Make-Ready work as Simple or Complex. The estimate should also identify any permits that are required in connection with the Make- Ready work.

- (a) A Pole-Owning Utility may withdraw an outstanding estimate of charges to perform Make-Ready work beginning 14 days after the estimate is presented unless otherwise agreed by the parties.
- (b) A new Attaching Entity shall accept a valid estimate and make payment any time after receipt of an estimate but before the estimate is withdrawn.

- (2) The costs of a Make-Ready survey shall be payable even if the entity decides not to go forward with construction of its attachments.

(D) Make-Ready. Upon receipt of payment specified in paragraph (C)(1)(b) of this section, a Pole-Owning Utility shall notify within 5 business days and in writing all known Attaching Entities that may be affected by the Make-Ready.

(1) The notice shall:

- (a) Specify where and what Make-Ready work will be performed.
- (b) Set a date for completion of Make-Ready work that is no later than 60 days after notification is sent (or up to 105 days in the case of larger orders as described in paragraph (E) of this section).
- (c) State that any Attaching Entity with an existing attachment may modify the attachment consistent with the specified Make-Ready work before the date set for completion.
- (d) State that if Make-Ready work is not completed by the completion date set by the Pole-Owning Utility in paragraph (D)(1)(b) in this section, the new Attaching Entity may complete the Make-Ready work specified pursuant to paragraph (L)(2)(b) of this section.
- (e) State the name, telephone number, and email address of a person to contact for

\*Effective October 1, 2020.

more information about the Make-Ready procedure.

- (2) Once a Pole-Owning Utility provides the notices described in this section, it then must provide the new Attaching Entity with a copy of the notices and the existing Attaching Entities' contact information and address(es) where the Pole- Owning Utility sent the notices. The Pole-Owning Utility shall also notify the new Attaching Entity when applications for any required permits have been submitted and when those permits are received. The new Attaching Entity shall be responsible for coordinating with existing Attaching Entities to encourage their completion of Make-Ready work by the dates set forth by the Pole-Owning Utility in paragraph (D)(1)(b) of this section.
  - (3) A Pole-Owning Utility shall complete its Make-Ready work by the same dates set for existing Attaching Entities in paragraph (D)(1)(b) of this section.
- (E) Time to Complete Make-Ready. For purposes of compliance with the time periods in this section:
- (1) A Pole-Owning Utility shall apply the time periods described in paragraphs (B) through (D) of this section to surveys and Make-Ready work on the lesser of 300 poles or 0.5 percent of the Pole-Owning Utility's poles in Vermont.
  - (2) A Pole-Owning Utility may add 15 days to the survey period described in paragraph (B) of this section to larger orders up to the lesser of 3,000 poles or 5 percent of the Pole-Owning Utility's poles in Vermont.
  - (3) A Pole-Owning Utility may add 45 days to the Make-Ready periods described in paragraph (D) of this section if Make-Ready work is needed on the lesser of 3,000 poles or 5 percent of the Pole-Owning Utility's poles in Vermont.
  - (4) A Pole-Owning Utility shall in good faith negotiate the Make-Ready period if the number of poles requiring Make-Ready work exceeds the lesser of 3,000 poles or 5 percent of the Pole-Owning Utility's poles in Vermont.
  - (5) A Pole-Owning Utility may treat multiple requests from a single new Attaching Entity as one request when the requests are filed within 30 days of one another.
  - (6) All time periods stated above may be modified by agreement between the Pole-Owning Utility and the new Attaching Entity.
  - (7) The applicable time periods shall not be extended solely because a pole is jointly owned.
- (F) Dual Utility Poles.
- (1) In the event Make-Ready work requires a replacement utility pole to be installed, the Pole-Owning Utility shall have 90 days from the date of installation of the new utility pole to remove the obsolete pole.
  - (2) If an existing Attaching Entity does not complete Make-Ready work in the time specified in paragraphs (D) or (E) of this section, the Pole-Owning Utility or the new

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Attaching Entity may utilize the Self-Help Remedy specified in paragraph (L) of this section to move the existing attachment from the existing pole to the new pole. Costs associated with moving the existing attachment under these circumstances shall be paid by the existing Attaching Entity.

- (3) Except as provided in paragraph (I)(1), if the Make-Ready work for a new Attaching Entity requires replacing poles, all costs associated with the removal of the existing utility pole shall be paid by the new Attaching Entity.
  - (4) If removal of the existing utility pole is shown to be infeasible for good and sufficient cause, a Pole-Ownning Utility shall have six months from the date of installation of the new utility pole and the transfer of all cables and equipment to the new utility pole to remove the existing utility pole.
- (G) Deviation from Time to Complete Make-Ready.
- (1) A Pole-Ownning Utility may deviate from the time limits specified in this section during performance of Make-Ready for good and sufficient cause that renders it infeasible for the utility to complete Make-Ready within the time limits specified in this section. A Pole-Ownning Utility that so deviates shall immediately notify, in writing, the new Attaching Entity and affected existing Attaching Entities and shall identify the affected poles and include a detailed explanation of the reason for the deviation and a new completion date. The Pole-Ownning Utility shall deviate from the time limits specified in this section for a period no longer than necessary to complete Make-Ready on the affected poles and shall resume Make-Ready without discrimination when it returns to routine operations. A Pole-Ownning Utility cannot delay completion of Make-Ready because of a preexisting violation on an affected pole not caused by the new Attaching Entity.
  - (2) An existing Attaching Entity may deviate from the time limits specified in this section during performance of complex Make-Ready for reasons of safety or service interruption that renders it infeasible for the existing Attaching Entity to complete Complex Make-Ready within the time limits specified in this section. An existing Attaching Entity that so deviates shall immediately notify, in writing, the new Attaching Entity and other affected existing Attaching Entities and shall identify the affected poles and include a detailed explanation of the basis for the deviation and a new completion date, which in no event shall extend beyond 90 days from the date the notices described in paragraph (D) of this section are sent by the utility (or up to 120 days in the case of larger orders described in paragraph (E) of this section). The existing Attaching Entity shall not deviate from the time limits specified in this section for a period longer than necessary to complete Make-Ready work on the affected poles.
- (H) Least Cost Methods. In completing Make-Ready work, a Pole-Ownning Utility shall pursue reasonable least-cost alternatives, including space-saving techniques currently relied upon by that utility; however, it shall at all times maintain compliance with the National Electrical Safety Code, state and local laws and regulations, and Pole-Ownning Utility construction standards.
- (I) Payments. After completion of Make-Ready work, the new Attaching Entity shall pay the

\*Effective October 1, 2020.

- cost of all Make-Ready work actually required for the attachment that has not been pre-paid, or shall be refunded any excess of the pre-payment not actually required.
- (1) The new Attaching Entity shall not be responsible for any portion of the Make- Ready expense that is attributable to the correction of pre-existing violations, unless the new Attaching Entity has caused a portion of the violation.
  - (2) The costs of any modification that is also specifically used by other existing Attaching Entities shall be apportioned accordingly.
  - (3) Where a Pole-Owning Utility currently relies upon one or more techniques referenced in this paragraph (I) as part of its normal operating procedures but refuses to utilize such techniques for the benefit of the new Attaching Entity, that entity shall only be responsible for the cost that would have been incurred had such techniques been utilized (provided such use would have been in accordance with generally accepted engineering practices).
  - (4) Where Make-Ready work has not been completed consistent with paragraphs (B) through (E) of this section, within 30 days of the expiration of the applicable timeline, the Pole-Owning Utility and any existing Attaching Entities shall refund to the new Attaching Entity any portion of payment received for the applicable Make-Ready work to the new Attaching Entity for any work not yet completed.
- (J) Lowest Attachment Point. No Attaching Entity shall be denied attachment solely because the only space available for attachment on a pole is below the lowest attached facility. If the owner of the lowest facility wishes to relocate its existing facilities to a lower allowable point of attachment so that the new Attaching Entity will be above all existing facilities, the owner of such existing facilities shall pay one-half of the cost of moving its facilities.
- (K) Outside Contractors.
- (1) All Pole-Owning Utilities and Attaching Entities shall maintain and keep up-to- date a reasonably sufficient list of contractors they authorize to perform Make- Ready surveys and work, or other specified tasks upon their equipment (“Outside Contractor List”). The list shall identify the contractors that are authorized to perform complex Make-Ready work.
  - (2) Within one month of adoption of this Rule for entities already holding a Certificate of Public Good or within one month of receiving a Certificate of Public Good to operate in the state, a Pole-Owning Utility or Attaching Entity shall submit its Outside Contractor List to the Commission and the Department, preferably in ePUC, as directed by the Commission. This list shall be updated as needed to maintain current contractor information. Upon request, the Commission or Department will provide the applicable Outside Contractor List to an Attaching Entity.
  - (3) If an entity requesting attachment hires a contractor for purposes specified in this paragraph (K), the requesting entity shall choose from the authorized contractors on the Outside Contractor List.
    - (a) If a Pole-Owning Utility does not provide a list of authorized contractors or no contractor on the Outside Contractor List is available within a reasonable time period, the new Attaching Entity may choose its own qualified contractor that meets the requirements in paragraph (K)(5) of this section. When choosing a contractor that is not on the Outside Contractor List, the new Attaching Entity

must certify to the Pole-Ownning Utility that its contractor meets the minimum qualifications described in paragraph (K)(5) of this section when providing notices required by paragraph (L) and (M) of this section.

- (b) The Pole-Ownning Utility may disqualify any contractor chosen by the new Attaching Entity that is not on the applicable Outside Contractor List, but such disqualification must be based on reasonable safety or reliability concerns related to the contractor's failure to meet any of the minimum qualifications described in paragraph (K)(5) of this section or to meet the Pole-Ownning Utility's publicly available and commercially reasonable safety or reliability standards. The Pole-Ownning Utility must provide notice of its objection in compliance with the notice requirements of paragraph (L) and (M) of this section.
- (4) If the Pole-Ownning Utility is not an electric utility and there are electric lines on the pole, the Pole-Ownning Utility shall provide the operator of the electric lines with advance notice of the work to be done and shall allow the electric utility to join or take over the supervision and control of the work of the outside contractor in the electrical space. Pole-Ownning Utilities and existing Attaching Entities shall refund amounts collected from Attaching Entities for work subsequently completed by outside contractors.
- (5) Pole-Ownning Utilities and Attaching Entities must ensure that the Outside Contractor List meets the following minimum requirements:
  - (a) The contractor must follow National Electrical Safety Code (NESC) guidelines;
  - (b) The contractor acknowledges that it knows how to read and follow licensed-engineered pole designs for Make-Ready, as required;
  - (c) The contractor must follow all local, state, and federal laws and regulations including the rules regarding Qualified and Competent Persons under the Requirements of the Occupational and Safety Health Administration (OSHA) rules;
  - (d) The contractor must follow any procedures, standards, codes, and regulations that the Pole-Ownning Utility requires of its own contractors;
  - (e) The contractor must meet or exceed any uniformly applied and reasonable safety and reliability thresholds set by the Pole-Ownning Utility; and
  - (f) The contractor is adequately insured or will establish an adequate performance bond for the Make-Ready it will perform, including work it will perform on facilities owned by existing Attaching Entities.
- (L) Self-Help Remedy.
  - (1) If a Pole-Ownning Utility does not complete survey work in the time specified in paragraph (B) of this section, the new Attaching Entity may hire a contractor from

\*Effective October 1, 2020.

the Outside Contractor List.

- (a) A new Attaching Entity shall permit the affected Pole-Owning Utility and existing Attaching Entities to be present for any field inspection conducted as part of the new Attaching Entity's survey.
  - (b) A new Attaching Entity shall use commercially reasonable efforts to provide the affected Pole-Owning Utility and existing Attaching Entities with advance notice of not less than 3 business days of a field inspection as part of any survey it conducts. The notice shall include the date and time of the survey, a description of the work involved, and the name of the contractor being used by the new Attaching Entity.
- (2) If a Pole-Owning Utility does not complete Make-Ready work in the time specified in paragraph (D) of this section, the new Attaching Entity may hire a contractor from the Outside Contractor List to complete the Make-Ready.
- (a) A new Attaching Entity shall permit the Pole-Owning Utility and existing Attaching Entities to be present for any Make-Ready work. A new Attaching Entity shall use commercially reasonable efforts to provide the affected utility and existing Attaching Entities with advance notice of not less than 5 days of the impending Make-Ready. The notice shall include the date and time of the Make-Ready, a description of the work involved, and the name of the contractor being used by the new Attaching Entity.

Self-Help Post Make-Ready Timeline. A new Attaching Entity shall notify the affected Pole-Owning Utility and existing Attaching Entities within 15 days after completion of self-help Make-Ready work for a particular application. The notice shall provide the affected Pole-Owning Utility and existing Attaching Entities at least 90 days from receipt in which to inspect the Make-Ready. The affected Pole-Owning Utility and existing Attaching Entities have 14 days after completion of their inspection to notify the Attaching Entity of any damage or code violation caused by Make-Ready conducted by the Attaching Entity on their equipment. If the Pole-Owning Utility or existing Attaching Entity notifies the Attaching Entity of such damage or code violations, then the Pole-Owning Utility or existing Attaching Entity shall provide adequate documentation of the damage or the code violations. The Pole-Owning Utility or existing Attaching Entity may either complete any necessary remedial work and bill the new Attaching Entity for the reasonable costs related to fixing the damage or code violations or require the new Attaching Entity to fix the damage or code violations at its expense within 14 days following notice from the Pole- Owning Utility or existing Attaching Entity.

- (M) One-Touch Make-Ready Option. For attachments involving Simple Make-Ready, new Attaching Entities may elect to proceed with the process described in this paragraph instead of the attachment process described in paragraphs (B) through (E) of this

\*Effective October 1, 2020.



section. It is the responsibility of the new Attaching Entity to ensure that its contractor determines whether the Make-Ready requested in an attachment application is Simple Make-Ready.

(1) Attachment Application.

- (a) An application for attachment shall be submitted in writing and must provide the Pole-Owning Utility with the information necessary under its procedures to grant or deny the application.
- (b) A new Attaching Entity electing the one-touch Make-Ready process must indicate that it intends to perform one-touch Make-Ready in its attachment application and must identify the Simple Make-Ready it will perform.
- (c) A Pole-Owning Utility shall complete review of an attachment application and grant or deny a new Attaching Entity's application within 15 days of receipt of the application (or within 30 days, in the case of larger orders as described in paragraph (E) of this section). Within its review and response period, the Pole-Owning Utility may object to the designation by the new Attaching Entity that the attachment only requires Simple Make-Ready work. The Pole-Owning Utility's objection must be specific, in writing, and include all relevant information and evidence supporting its good-faith conclusion.

(2) Surveys. The new Attaching Entity is responsible for all surveys required as part of the one-touch Make-Ready process and shall use a contractor as specified in paragraph (K) of this section.

- (a) A new Attaching Entity may need to perform a survey to determine whether Make-Ready work is simple or complex before filing an application for one-touch Make-Ready.
- (b) The new Attaching Entity shall permit the Pole-Owning Utility and any existing Attaching Entities on the affected poles to be present for any field inspection conducted as part of the new Attaching Entity's surveys. The new Attaching Entity shall use commercially reasonable efforts to provide the Pole-Owning Utility and affected existing Attaching Entities with advance notice of not less than 3 business days of a field inspection as part of any survey and shall provide the date, time, and location of the surveys, and the name of the contractor performing the surveys.

(3) Make-Ready. If the new Attaching Entity's attachment application is approved and if it has provided 15 days' prior written notice of the Make-Ready to the affected Pole-Owning Utility and existing Attaching Entities, the new Attaching Entity may proceed with Make-Ready using a contractor in the manner specified in paragraph (K) of this section.

- (a) Prior written notice shall include the date and time of the Make-Ready, a description of the work involved, and the name of the contractor being used by the new Attaching Entity, and shall provide the affected Pole-Owning Utility

and existing Attaching Entities a reasonable opportunity to be present for any Make-Ready.

- (b) The new Attaching Entity shall immediately notify an affected Pole- Owing Utility or existing Attaching Entity if Make-Ready damages the equipment of a Pole-Owning Utility or an existing Attaching Entity or causes an outage that is reasonably likely to interrupt the service of a Pole- Owing Utility or existing Attaching Entity. Upon receiving notice from the new Attaching Entity, the Pole-Owning Utility or existing Attaching Entity may either:
    - (i) Complete any necessary remedial work and bill the new Attaching Entity for the reasonable costs related to fixing the damage; or
    - (ii) Require the new Attaching Entity to fix the damage at its expense immediately following notice from the Pole-Owning Utility or existing Attaching Entity.
  - (c) In performing Make-Ready, if the Attaching Entity or Pole-Owning Utility determines that Make-Ready classified as Simple Make-Ready is actually Complex Make-Ready, then that specific Make-Ready must be halted and the determining party must provide immediate notice to the other parties of its determination and the affected poles. The affected Make-Ready shall then be governed by paragraphs (B) through (E) of this section, and the Pole-Owning Utility shall provide notice required by paragraph (D) of this section as soon as reasonably practicable.
- (4) Post-Make-Ready Timeline. A new Attaching Entity shall notify the affected Pole-Owning Utility and existing Attaching Entities within 15 days after completion of Make-Ready work for a particular application. The notice shall provide the affected Pole-Owning Utility and existing Attaching Entities at least 90 days from receipt in which to inspect the Make-Ready. The affected Pole- Owing Utility and existing Attaching Entities have 14 days after completion of their inspection to notify the new Attaching Entity of any damage or code violation caused by Make-Ready conducted by the new Attaching Entity on their equipment. If the Pole-Owning Utility or existing Attaching Entity notifies the new Attaching Entity of such damage or code violations, then the Pole-Owning Utility or existing Attaching Entity shall provide adequate documentation of the damage or the code violations. The Pole-Owning Utility or existing Attaching Entity may either complete any necessary remedial work and bill the new Attaching Entity for the reasonable costs related to fixing the damage or code violations or require the new Attaching Entity to fix the damage or code violations at its expense within 14 days following notice from the Pole-Owning Utility or existing Attaching Entity.
- (N) Jointly Owned Utility Poles. Pole-Owning Utilities that jointly own utility poles shall coordinate and cooperate with each other. When a complete application is received, the joint Pole-Owning Utilities shall inform new Attaching Entities which joint owner is responsible for completing Make-Ready work consistent with paragraphs (B) through (E) and (K) of this section. Joint Pole-Owning Utilities shall provide any received applications to the responsible pole owner.

\*Effective October 1, 2020.

- (O) Overlashing. Any overlashing must be done in accordance with generally accepted engineering standards. The Attaching Entity shall give ten days' notice to the Pole-Owning Utility before beginning such overlashing.
- (1) No additional application or payment is required for an Attaching Entity to overlash more of its facilities to its existing attached facilities, unless it necessitates additional costs such as guying or additional pole strength, occupies additional attachment space on the pole, or provides a different utility service than the existing facilities.
  - (2) If the new facilities deliver a utility service that ought to pay a higher rental under this Rule, the Attaching Entity shall begin paying the higher rate.
  - (3) If the new facilities are owned by someone other than the existing Attaching Entity, then both shall pay rental, each at the rate designated by this Rule.
- (P) Attachment Protocol. Each Pole-Owning Utility shall include in its pole-attachment tariff required by Section 3.703 a reasonable protocol under which it will allow attachments by Broadband Service Providers or wireless telephone providers in areas of its poles that are not ordinarily used for attachments or for equipment that is unusually large. Such protocol may include the provision of a separate pole for the attachment of this equipment if:
- (1) the proposed attachment cannot be made to the existing pole consistent with 3.701(C);
  - (2) the separate pole is requested by the Attaching Entity; or
  - (3) the provision of the separate pole is less expensive than the proposed attachment to the existing pole.

**POLE.ATT:09.00 CONSTRUCTION AND MAINTENANCE OF ATTACHMENTS**

01. Attaching Entity shall, at its own expense, construct and maintain its attachments on Licensor's poles in accordance with Article 06.01.
02. Licensor shall specify the point of attachment on each of Licensor's poles to be occupied by Attaching Entity's attachments. Where there are several Attaching Entities, Licensor will attempt, when practical, to designate the same relative position on each pole for each Attaching Entity's attachments.
03. Attaching Entity shall obtain specific written permission from Licensor before relocating its attachments on Licensor's poles or before replacing its attachments with attachments which require Make-Ready Work.
04. Right of Way Clearing and Maintenance: Unless otherwise governed by law, all tree trimming made necessary solely as a result of Make-Ready Work required to provide for a Attaching Entity's proposed attachments at the time of attachment, provided the owner(s) of such trees grant permission to the Licensor, shall be performed by Licensor or by contractors approved by and under the direction of the Licensor, at the sole expense of the Licensee. Licensor shall inform Attaching Entity of the required tree trimming in writing as part of Make-Ready Work documentation. All other tree-trimming will be accomplished by Licensor as part of its regular maintenance program.
05. Any tree-trimming that may be required on Attaching Entity's customer's premises, to clear the Attaching Entity's cable drop, shall be performed by the Attaching Entity at its expense. Attaching Entity shall be solely responsible for securing permission from private property owners to perform such tree trimming and shall be fully responsible for any damages or claims arising from such tree trimming, except in the case of negligence or willful misconduct by Licensor.
06. Neither Licensor nor Attaching Entity will be responsible to the other for any indirect or consequential damages arising from such tree-trimming performed pursuant to Articles 9.04 and 9.05 above.

\*Effective October 1, 2020.

**POLE.ATT:10.00                      ATTACHING ENTITY'S OVERLASH**

- 01. Any overlashing must be done in accordance with generally accepted engineering standards. The Attaching Entity shall give ten days' notice to the Licensor before beginning such overlashing.
  - A. No additional application or payment is required for an Attaching Entity to overlash more of its facilities to its existing attached facilities; provided, however, if such overlashing necessitates additional costs such as guying or additional pole strength, occupies additional attachment space on the pole, or provides a different service than the existing facilities, the Attaching Entity shall follow the procedures as outlined in Subsection 10.02 of this Tariff.
  - B. If the new facilities deliver a service subject to a higher attachment fee under this tariff, the Attaching Entity shall begin paying the higher rate upon the licensing of the new facilities.
  - C. If the new facilities are owned by a person or entity other than the existing Attaching Entity, the owner of the new facilities shall submit to the Licensor notice which contains the corporate identity and the type of utility service being provided by the overlash facilities, certification that the third party has been issued a CPG in Vermont, a customer profile with all contact information completed, pole locations and the number of poles and a certification that the overlash party agrees to be governed by Rule 3.700 and this Tariff. Both the existing Attaching Entity and the overlash entity each shall pay rental at the attachment fee rate designated by this Tariff.
  
- 02. Procedure for Overlash
  - A. Scope
    - 1. In the process of upgrading cable plant capacity, it may be necessary for the Attaching Entity to augment the number of its cables and equipment lashed or attached to its existing strand.
  
  - B. Definitions
    - 1. Overlash - The act of attaching any single strand, hardware, cable, wires and/or apparatus owned by Attaching Entity to same Attaching Entity's existing strand, hardware, cable, wires and/or apparatus.
    - 2. Post-construction Inspection - A Licensor inspection of the poles after completion of Attaching Entity's Overlash project at its own cost that Attaching Entity shall pay Licensor for the inspection of those poles

\*Effective October 1, 2020.

found not in compliance as a result of the Inspection.

3. Self-Pre-survey- The performance of a field review by an Attaching Entity to survey the routing of a proposed path where additional overlashed cable facilities are planned, to determine if any Make-Ready Work is required. The Attaching Entity shall adhere to all requirements of the most recent edition of the National Electrical Safety Code (NESC) and the "Manual of Construction Procedures" (Blue Book), published by Telcordia Technologies Inc. This survey is performed without the presence of a Licensor representative and the results of the Self Pre-survey shall be provided to the Licensor with documentation of any Subsequent Make- Ready Work required before Attaching Entity begins construction of the Overlash project.

4. Subsequent Make-Ready Work - Rearrangement of Licensor's facilities by Licensor as determined by the Attaching Entity' s Self Pre-survey to provide for clearance and separation requirements for all pole attachments relative to the latest edition of the Blue Book published by Telcordia and the latest edition of the NESC.

5. Charges - Licensor's actual costs.

#### C. Specifications

1. Attaching Entity shall conform to the terms and conditions contained within the Specifications Section of this Tariff, including:

a. The National Electrical Safety Code (NESC)

Part 2 Section 26-261K2 Strength Requirements  
Part 2 Section 25-250 Loading Requirements

b. Manual of Construction Procedures" (Blue Book), published by Telcordia Technologies Inc.

Section 4.2 Table 4 - 1 and Note 2  
Section 3 Clearances

#### D. Notifications

1. Attaching Entity shall provide 10 days advance notice, in writing

\*Effective October 1, 2020.

(Appendix B-1), to Licensor prior to their Overlash work being started. Attaching Entity will coordinate its Overlash work with the Licensor to avoid any scheduling conflicts with any Licensor construction or maintenance work.

2. Attaching Entity shall submit written notification within thirty (30) days to Licensor after their Overlash work has been completed, to enable Licensor to facilitate the post-construction inspection.

#### E. Procedures

1. Attaching Entity shall perform a Self-Pre-survey of all routes where it proposes to Overlash cable to its existing licensed facility and, if Make-Ready Work is necessary, provide written results to Licensor.

2. Attaching Entity will submit a written request to Licensor to arrange for a Pre-construction Survey of all locations where Attaching Entity has determined Subsequent Make-Ready Work is necessary by Licensor to accommodate Attaching Entity's proposed work. Attaching Entity will provide advance payment to Licensor to cover the applicable charges for the Pre-construction Survey.

3. Licensor will notify the Attaching Entity of the applicable charges for any type of Make-Ready Work.

4. Attaching Entity will submit a check covering Make-Ready Work charges.

5. Licensor will provide the Attaching Entity with an associated work schedule and estimated construction completion date for the Make-Ready Work consistent with the time intervals set forth in Section 8.09-8.11.

6. Attaching Entity may proceed to place the overlashed cable in sections of aerial facilities requiring no Make-Ready Work. Attaching Entity may proceed to place the overlashed cable in sections of aerial facilities requiring Make-Ready Work when all parties affected concur that non-compliance will either be corrected by the Attaching Entity concurrently with the Overlash project, or by any other attacher, Joint Owner or Joint User after the Overlash project has been completed.

7. Attaching Entity shall notify Licensor in writing that the Overlash

project has been completed. Licensor may perform a Post-construction Inspection of the poles included in the Attaching Entity's Overlash project within ninety (90) days of receipt of written notice.

8. If Licensor performs a Post-construction Inspection of the poles involved in the Attaching Entity's Overlash project and all work is in compliance with the requirements and specifications, the cost of the inspection will be borne by Licensor and no further Post-construction Inspection will be required. Licensor will provide the Attaching Entity with the written results of the inspection within thirty (30) days.

9. If Licensor performs the Post-construction Inspection of the poles involved in the Attaching Entity's Overlash project and determines that Attaching Entity's work is not in compliance, Attaching Entity will pay Licensor for the inspection of those poles found in noncompliance. Licensor will provide the Attaching Entity with the charges for the inspection. In addition, Licensor may perform a Post-construction Inspection of those poles found to be in noncompliance in order to ensure that the Attaching Entity has brought its facilities into compliance. Licensor will provide Attaching Entity with the results of the inspection within thirty (30) days of the inspection in order that the Attaching Entity may bring its facilities into compliance.

10. Licensor will continue to conduct Post-construction Inspections until all of Attaching Entity's facilities as a result of the Overlash project have been made compliant. If the results of the Post-construction Subsequent show results that are in non-compliance with the aforementioned requirements and specifications, Attaching Entity shall correct such non-conforming condition within thirty (30) days of written notification from Licensor. Where Attaching Entity fails to correct the stated non-compliant condition within thirty (30) days, Attaching Entity shall be responsible to the Licensor for any costs associated with correcting such non-compliant conditions.



**POLE.ATT:11.00 REMOVAL OF ATTACHMENTS**

- .01 In the event of termination of any of the Attaching Entity's licenses, authorization and/or rights hereunder, the Attaching Entity shall remove its facilities from the poles and anchors within 60 days of the effective date of the termination; provided, however, that the Attaching Entity shall be liable for and pay all fees and charges pursuant to provisions of Licensor until the Attaching Entity's facilities are actually removed from the utility pole(s) and anchor(s). If the Attaching Entity fails to remove its facilities within the specified period, Licensor shall have the right to remove such facilities at the Attaching Entity's expense and without liability on the part of Licensor for damage or injury to such facilities or interruption of the Attaching Entity services, except in the case of any negligence or willful misconduct of Licensor.
  
- .02 Attaching Entity may remove its attachments from a pole at any time after first giving Licensor written notice of such removal. Following removal, no reattachment shall be made to such pole until Attaching Entity first complies with all of the provisions of this Tariff as though no previous attachment had existed.

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**POLE.ATT:12.00    UNAUTHORIZED ATTACHMENTS**

01.    Upon receipt of notification from Licensor that unauthorized attachments exist, an Attaching Entity shall have 30 days or other mutually agreed upon time period, to provide Licensor with a copy of an agreement or other satisfactory evidence that proves the attachments have been authorized by Licensor. If any of the Attaching Entity's facilities are attached to Licensor's poles without being authorized, Licensor, may recover fees as specified in Section 12.02, without prejudice to its other rights or remedies under this Tariff, including termination, or otherwise, and require the Attaching Entity to submit in writing, within 30 days after the receipt of written notification from Licensor of the unauthorized attachment, a pole attachment application. If such application is not received within the specified time period, Attaching Entity shall remove the unauthorized attachments within 30 days of the final date for submitting the required application, or Licensor may remove the Attaching Entity's attachments or facilities without liability at the Attaching Entity's expense, except in the case of any negligence or willful misconduct of Licensor.
  
02.    Upon discovery of an unauthorized attachment, the Attaching Entity agrees to pay an amount equal to a minimum one-year rent for any unauthorized attachments if Licensor cannot determine the date the unauthorized attachment was made. Attaching Entities who are repeat offenders will be brought to the attention of the Commission. Should the Attaching Entity, at a future date, discover a copy of an attachment application or other satisfactory evidence that proves attachments were authorized by Licensor, Licensor will adjust the Attaching Entity's rental bill accordingly including any interest associated with the amount.
  
03.    No act or failure to act by Licensor with regard to any unauthorized attachment shall be deemed as license of such attachment; and if license should subsequently be issued, it shall not operate retroactively or constitute a waiver by Licensor of any of its rights or privileges under this Tariff.

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**POLE.ATT:13.00    LIABILITY AND DAMAGES**

01.    Licensor reserves to itself, its successors and assigns, the right to locate and maintain its poles and to operate its facilities in conjunction therewith in such a manner as will best enable it to fulfill its own service requirements. Licensor shall not be liable to the Attaching Entity for any interruption of the Attaching Entity's service or for interference with the operation of the Attaching Entity's communications services arising in any manner, except from Licensor's gross negligence and willful default, out of the use of Licensor's poles.
  
02.    The Attaching Entity shall exercise precaution to avoid damaging the facilities of Licensor and of others attached to Licensor's poles, and the Attaching Entity assumes all responsibility for any and all loss from such damage caused by the Attaching Entity's employees, agents or contractors. The Attaching Entity shall make an immediate report to Licensor and any other user affected by such damage of the occurrence of any such damage and agrees to reimburse the respective parties for all costs incurred in making repairs.
  
03.    Licensor shall exercise precaution to avoid damaging the facilities of the Attaching Entity and of others attached to Licensor's poles, and Licensor assumes all responsibility for any and all loss from such damage caused by Licensor's employees, agents or contractors. Licensor shall make an immediate report to the Attaching Entity and any other user affected by such damage of the occurrence of any such damage and agrees to reimburse the respective parties for reasonable, direct costs incurred in making repairs.
  
04.    Except to the extent as may be caused by the negligence of the party seeking indemnification, Licensor and Attaching Entity shall each defend, indemnify and save harmless the other against and from any and all liabilities, claims, suits, fines, penalties, damages, losses, fees, costs and expenses arising from or in connection with this Tariff (including reasonable attorneys' fees) including, but not limited to, those which may be imposed upon, incurred by or asserted against the party seeking indemnification, by reason of the following:
  - A. Any work or action done upon the poles licensed hereunder or any part thereof performed by the indemnifying party or any of its agents, contractors, servants, or employees;
  - B. Any use, occupation, condition, operation of said poles or any part thereof by the indemnifying party or any of its agents, contractors, servants, or employees;
  - C. Any act or omission on the part of the indemnifying party or any of its

\*Effective October 1, 2020.

- agents, contractors, servants, or employees, for which the party seeking indemnification may be found liable;
- D. Any accident, injury (including death) or damage to any person or property occurring upon said poles or any part thereof arising out of any use thereof by the indemnifying party or any of its agents, contractors, servants, or employees;
  - E. Any failure on the part of the indemnifying party to perform or comply with any of the covenants, agreements, terms or conditions contained in this Tariff;
  - F. Payments made under any workers' compensation law or under any plan for employees disability and death benefits arising out of any use of the poles by the indemnifying party or any of its agents, contractors, servants, or employees;
  - G. The erection, maintenance, presence, use, occupancy or removal of the indemnifying party's facilities by it or any of its agents, contractors, servants, or employees or by their proximity to the facilities of other parties attached to the poles of the party seeking indemnification; provided that the indemnifying party shall defend, indemnify, and save harmless the party seeking indemnification against and from any and all such liabilities, claims, suits, fines, penalties, damages, losses, fees, costs and expenses brought, made or asserted by any of the indemnifying party's agents, contractors, servants, or employees of any of the indemnifying party's contractors or agents; or by any and all such liabilities, claims, suits, fines, penalties, damages, losses, fees, costs and expenses brought, made or asserted by any of the indemnifying party's agents, contractors, servants, or employees of any of the indemnifying party's contractors or agents.
05. The provisions of this Article shall survive the expiration or earlier termination of any license issued hereunder.
06. The Attaching Entity shall indemnify, save harmless and defend Licensor from any and all claims and demands of whatever kind which arise directly or indirectly from the operation of the Attaching Entity's attachments, including taxes, special charges by others, claims and demands for damages or loss for infringement of copyright, for libel and slander, for unauthorized use of television broadcast programs, and for unauthorized use of other program material, and from and against all claims and demands for infringement of patents with respect to the manufacture, use and operation of the Attaching Entity's poles, or otherwise.
07. If the work on a pole is not completed within the allowed time because of delays

\*Effective October 1, 2020.

caused by another entity attached to the pole, and Licensor is liable for any penalties or damages because of the delay, the entity causing the delay shall indemnify Licensor for the full amount of the penalty or damages paid.

08. In no event shall the Licensor or Attaching Entity be liable to one another for any special, consequential or indirect damages (including, without limitation, lost revenues and lost profits) arising out of this Tariff or any obligation arising hereunder, whether in an action for or arising out of breach of contract, tort or otherwise.

**POLE.ATT:14.00    TERMINATION OF LICENSE**

01.    If Attaching Entity fails to comply with any of the terms or conditions of this Tariff, defaults on any obligation hereunder, or maintains or uses its facilities in violation of any law and Attaching Entity fails to correct such noncompliance or default within sixty days after written notice from Licensor, Licensor may terminate all licenses for use of the specific poles involved in such default or noncompliance.
  
02.    If an insurance carrier at any time notifies Licensor that the insurance policies required under this Tariff will be canceled or changed so that Tariff requirements will no longer be satisfied, the Attaching Entity's license to attach to any of Licensor's poles terminates unless, prior to the effective date of such cancellation or change, Attaching Entity furnishes to Licensor current certificates of insurance for coverage in accordance with the provisions of this Tariff.
  
03.    Any license or other authorization for Attaching Entity to attach to Licensor's poles issued or arising under this Tariff shall automatically terminate when Attaching Entity ceases to have authority to construct, operate and/or maintain its attachments on the public or private property at the location of the particular pole covered by the license.
  
04.    In the event authorization is terminated, Attaching Entity shall remove its attachments from Licensor's poles within 60 days from the date of termination; provided, however, that Attaching Entity shall be liable for and pay to Licensor all fees pursuant to the terms of this Tariff until Attaching Entity's attachments are removed from Licensor's poles. Any license issued under this Tariff shall automatically terminate when the Attaching Entity ceases to have authority to construct, operate and/or maintain its attachments on the public or private property at the location of the particular pole covered by the license. Such automatic termination shall be stayed if the Attaching Entity has sought judicial or regulatory review of the decision that has acted to terminate such authority or, has declared that the Attaching Entity lacks such authority.
  
05.    When the Attaching Entity's facilities are removed from a pole or anchor, no attachment to the same pole or anchor shall be made until the Attaching Entity has first complied with all of the provision of this Tariff as though no such pole or anchor

\*Effective October 1, 2020.

attachment had been made previously and all outstanding charges due to Licensor for such pole or anchor have been paid in full.

\*Effective October 1, 2020.

INDEX TO APPENDICES TO POLE ATTACHMENT TARIFF

APPENDIX A: RATES	A-1
APPENDIX B: ADMINISTRATIVE FORMS AND NOTICES	
Application and Pole Attachment License	B-1
Pole Details	B-2
Authorization for Field Survey Work	B-3
Authorization for Pole Make-Ready Work	B-4
Itemized Estimate of Pole Make-Ready Work and Charges	B-5
Notification of Surrender or Modification of Pole Attachment Rights by Attaching Entity	B-6
Certificate of Insurance	B-7

\*Effective October 1, 2020.



**APPENDIX A TO POLE ATTACHMENT TARIFF**

**NORTHFIELD ELECTRIC DEPARTMENT**

**Rates for Pole Attachments Pursuant to PUC Rule 3.700**

Applicability:

All attachments on poles wholly or jointly owned by Northfield Electric Department. The terms and conditions of this Tariff apply to all attachments not subject to alternate contractual arrangements and existing prior to or made after January 1, 2002, notwithstanding the absence of written attachment authorization.

Rate and Charges:

Annual pole rental, per attachment

Wholly owned poles	\$5.63 per year
Jointly owned poles	\$2.82 per year

Field survey or inspection Actual Cost

Make-ready work

Material s	Actual Cost
Labor	Actual Cost
Contractors	Actual Cost

Licensors reserves all rights pursuant to PUC Rule 3.706(D)(1)(a) with respect to attachments not fitting within the assumed rates set forth above and calculated in accordance with Rule 3.706(C).

Terms and Conditions:

Attachment fees are payable semi-annually on March 31st for the period January 1 through June 30; and September 30 for the period July 1 through December 31. Fees are calculated on the number of attachments authorized on the first day of the applicable six-month period.

All fees and charges are due and payable 30 days after presentation of a bill. Late payments will be assessed a late payment of 1% per month on all unpaid balance, commencing 30 days after the date due and payable.

\*Effective October 1, 2020.

**APPENDIX B-1 TO POLE ATTACHMENT TARIFF**

APPLICATION AND POLE ATTACHMENT LICENSE

\_\_\_\_\_  
(Pole-Owning Utility 's Name)

Street Address \_\_\_\_\_

City and State \_\_\_\_\_

Date \_\_\_\_\_

In accordance with the terms and conditions of the Utility's Tariff for Pole Attachments, application is hereby made for a license to make attachments to \_\_\_\_\_ poles as indicated on Form B-2. This request will be designated Pole Attachment License Application Number \_\_\_\_\_

By \_\_\_\_\_  
Tel. No. \_\_\_\_\_

Pole Attachment Number \_\_\_\_\_ is hereby granted to make the attachments described in this application to \_\_\_\_\_ poles, as indicated on the attached Appendix Form B-2.

\_\_\_\_\_  
(Name of Attaching Entity)  
By \_\_\_\_\_  
Title \_\_\_\_\_  
Date \_\_\_\_\_  
Tel. No. \_\_\_\_\_

\*Effective October 1, 2020.

**APPENDIX B-2 TO POLE ATTACHMENT TARIFF**

POLE DETAILS

\_\_\_\_\_  
Attaching Entity

License Application Number \_\_\_\_\_

\_\_\_\_\_  
Power Company involved

\_\_\_\_\_  
Telephone Company involved

\_\_\_\_\_  
Poles located in Municipality (Locale - if appropriate), County  
Note: Provide separate sheets for each municipality)

Pole No.	Location	Attachment	Tax Dist.	Lie. No.	Lie Date
----------	----------	------------	--------------	-------------	-------------

ATTACHING ENTITY HEREBY REQUESTS THE POLE-OWNING UTILITY TO PROVIDE AN ITEMIZED ESTIMATE OF POLE MAKE READY WORK REQUIRED AND ASSOCIATED CHARGES (APPENDIX FORM B-5).

\_\_\_\_\_  
Title \_\_\_\_\_

\*Effective October 1, 2020.

**APPENDIX B-3 TO POLE ATTACHMENT TARIFF**

AUTHORIZATION FOR FIELD SURVEY WORK

\_\_\_\_\_  
Attaching Entity

In accordance with the Pole-Owning Utility's Pole Attachment Tariff, following is a summary of the estimated charges which shall apply to complete a field survey covering Pole Attachment License Application Number \_\_\_\_\_.

**FIELD SURVEY CHARGES**

<u>FIELD SURVEY</u>	<u>NUMBER OF POLES</u>	<u>UNIT RATE</u>	<u>TOTAL</u>
(1) POLE			
(2-5) POLES			
(6-10) POLES			
(11-200) POLES		PER POLE	
TOTAL CHARGES			_____

If you wish us to complete the required field survey, please sign this copy below and return with an advance payment in the amount of \$ \_\_\_\_\_

\_\_\_\_\_  
(Pole-Owning Utility)

By \_\_\_\_\_

Title \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_  
Tel. No.

Date \_\_\_\_\_

The required field survey covering License Application No. \_\_\_\_\_ is authorized and the costs therefore will be paid to Pole-Owning Utility in accordance with the pole-owning utility's tariff.

\_\_\_\_\_  
(Attaching Entity)

\*Effective October 1, 2020.

**APPENDIX B-4 TO POLE ATTACHMENT TARIFF**

AUTHORIZATION FOR POLE MAKE-READY WORK

\_\_\_\_\_  
Attaching Entity  
Field survey work associated with your License Application No. \_\_\_\_\_ dated  
\_\_\_\_\_, 20\_\_ , for attachment to poles has been completed.

Following is a summary of the estimated make ready charges which will apply.

	Hours	Rate/Hour	Total
Make-Ready Work			
Labor	_____	_____	\$ _____
Material	_____	_____	_____
TOTAL			\$ _____

Attached, is an itemized estimate (Appendix Form B-5) of required pole make-ready work and associated charges.

If you wish us to complete the required make-ready work, please sign this copy below and return with an advance payment in the amount of \$ \_\_\_\_\_.

\_\_\_\_\_  
(Pole-Owning Utility)

By \_\_\_\_\_

Title \_\_\_\_\_

Tel. No. \_\_\_\_\_

Date \_\_\_\_\_

Attaching Entity, By: \_\_\_\_\_

Title \_\_\_\_\_

Tel. No. \_\_\_\_\_

Date \_\_\_\_\_

\*Effective October 1, 2020.

**APPENDIX B-5 TO POLE ATTACHMENT TARI FF**

Sheet \_\_\_\_\_ of \_\_\_\_\_

Poles located in Municipality, County, State: \_\_\_\_\_

Date Prepared: \_\_\_\_\_

Itemized Estimate of Pole Make-Ready Work and Charges

Pole Information		Make-Ready Work Requirements		Materials (5)			Labor (6)		
Pole- Owning Utility Pole # (1)	Location (2)	Description of Work (3)	Performed by (4)	No & Item	Unit Cost	Total	Hour s	Rate/ Hour	Total

\*Effective October 1, 2020.

Sheet \_\_\_\_\_ of \_\_\_\_\_

Attaching Entity: \_\_\_\_\_

\_\_\_\_\_

**CWO** \_\_\_\_\_  
Attaching Entity Application Number

\*Effective October 1, 2020.

**APPENDIX B-6 TO POLE ATTACHMENT TARIFF**

NOTIFICATION OF DISCONTINUANCE OF USE OF POLES

Notice No. \_\_\_\_\_

Date \_\_\_\_\_, 20\_\_\_\_

\_\_\_\_\_

In accordance with the terms of the Pole-Ownning Utility's Pole Attachment Tariff, notice is hereby given that the attachments to the following poles in the City/Town/Village of \_\_\_\_\_ covered by permit number \_\_\_\_\_ were removed on \_\_\_\_\_, 20\_\_\_\_.

Street Name	Pole Number	(If Pole No. is not available) Street Number
----------------	----------------	--

Total number of poles to be discontinued \_ \_ \_ \_ \_

Said permit is to be canceled in its entirety/partially as above.

By: \_\_\_\_\_

Title: \_\_\_\_\_  
(Attaching Entity)

Use of poles has been discontinued as above.  
Pole-Ownning Utility

Date: \_\_\_\_\_ By: \_\_\_\_\_

\*Effective October 1, 2020.



**APPENDIX B-7 TO POLE ATTACHMENT TARIFF**  
CERTIFICATE OF INSURANCE

Re: Pole Attachments/ Attaching Entities

This is to certify that the \_\_\_\_\_ of  
 (Insurance Company) \_\_\_\_\_ has issued policies of insurance, as described  
 below and identified by a policy number to the insured named below; and to certify that such policies are  
 in full force and effect at this time. It is agreed that none of these policies will be canceled or changed so  
 as to affect this certificate until thirty (30) days after written notice of such cancellation or change has  
 been delivered to \_\_\_\_\_ ("Pole-Owning Utility") at

1. Insured \_\_\_\_\_ ("Attaching Entity")
2. Address \_\_\_\_\_
3. Status of Insured: Corporation \_\_\_ Partnership \_\_\_ Individual \_\_\_
4. Location of Work Operations of Insured \_\_\_\_\_
5. Description of Work Operations \_\_\_\_\_

INSURANCE POLICIES IN FORCE

Form of Coverage	Policy Number	Policy Period
Workmen's Compensation		From To
Public Liability		
(Bodily Injury and Property Damage)		From To
Is the above-named Pole-Owning Utility named as additional insured under the Public Liability Policy?		
	Yes ___ No ___	

LIMITS OF LIABILITY

Form of coverage	Bodily Injury	Property Damage
Workmen's Compensation	Statutory	XXXXXX
Public Liability without deductibles	Each person \$	each accident?
Date _____	each accident \$	aggregate?
	_____	
	Insurance Company	

Issued at \_ \_ \_ \_

\*Effective October 1, 2020.

**EXHIBIT C**  
**GUIDELINES FOR BROADBAND SERVICE PROVIDER ANTENNA**  
**SYSTEMS MOUNTED ON DISTRIBUTION POLES**

**TABLE OF CONTENTS**

**1. INTRODUCTION ..... 2**

**2. PERMIT APPLICATION PROCESS ..... 2**

**3. SELECTION/REJECTION CRITERIA FOR UTILITY POLES ..... 3**

**4. STRUCTURAL ..... 4**

**5. GROUNDING ..... 5**

**6. SAFETY ..... 6**

\*Effective October 1, 2020.

## **GUIDELINES FOR BROADBAND SERVICE PROVIDER ANTENNA SYSTEMS MOUNTED ON DISTRIBUTION POLES**

### **1. INTRODUCTION**

This document ("Guidelines") provides guidelines for Vermont's Pole-Ownning Utilities ("Utilities") approach to requests for attachment of communication antennas and associated equipment to poles. Included within the Guidelines are descriptions of the Permit Application Process, Safety, and Construction requirements for the installation of Broadband Service Providers' ("Providers") antenna systems on distribution poles. The issues addressed in the Guidelines are technical in nature and concern matters attendant to the attachment of Broadband Service Providers' facilities to utility poles. The Guidelines do not address the issues associated with the procedures, commercial terms and conditions for such attachments as are otherwise incorporated in PUC Rule 3.700 or related utility pole attachment tariffs. The Guidelines are intended to be used in conjunction with the utility's pole attachment tariff ("Tariff"). To the extent that a Utility's Tariff addresses terms and matters covered in the Guidelines, or to the extent that there are conflicts between a Tariff and the Guidelines, the Tariff shall control.

### **2. PERMIT APPLICATION PROCESS**

- 2.1. Unless otherwise provided for in a Utility's Tariff, the Utility and Provider will follow the Permit Application Process as set forth in this section. Before the Provider makes an attachment to any Utility-owned pole(s), it shall apply for and receive a pole attachment permit from the Utility.
  - a. Each permit will be evaluated on its own merits based on the Provider's choice of equipment and design of its network.
  - b. The Provider will at all times maintain compliance with the National Electric Safety Code ("NESC"), the National Electric Code ("NEC"), Blue Book-Manual of Construction Procedures, Vermont Occupational Health and Safety (1910-269), state and local laws, PUC Rule 3.700 regulations and the Utility's construction standards and Tariff.
  - c. The permit process may differ based on whether the Provider has been issued a Certificate of Public Good and each Utility's individual Pole Attachment Tariffs in effect, Pursuant to PUC Rule 3.702(C).
- 2.2. The Provider will submit, at its own expense, a set of design plans and specifications for each device or piece of equipment that the Provider proposes to be attached on the pole, for the Utility's review prior to the pre-construction survey.
- 2.3. A pre-construction survey is required for each pole for which the Provider is requesting an attachment to determine the adequacy of the pole to accommodate the attachments.
- 2.4. The Utility shall determine, based on the pre-construction survey, if its

attachments on the pole can be reasonably rearranged or replaced to accommodate the Provider's attachments. The Utility will complete all make-ready based on its own Tariffs and/or Pole Attachment Agreements. The Utility shall specifically provide its reasons for any denial of access, if the Provider's pole attachment request cannot be accommodated.

### **3. SUITABILITY FOR POLE ATTACHMENTS**

Unless otherwise provided for in a Utility's Tariff, the Utility and Provider shall determine the suitability of the Utility's pole for the placement and maintenance of Pole attachments as set forth in this section.

- 3.1. The Utility shall determine the suitability of its poles for pole attachments on a case-by-case basis, pursuant to PUC Rule 3.701(C).
- 3.2. The Utility may offer the placement of a separate pole pursuant to PUC Rule 3.708(K).
- 3.3. Poles that carry primary electrical service that are not bucket truck serviceable may be deemed unsuitable for pole-top attachments, at the discretion of the Utility.
- 3.4. All attachments shall preserve climbing access to all facilities.
- 3.5. Antennas shall not be installed above the communications space on the pole types listed below. These pole types may restrict attachments in the communications space as well.
  - a. Regulator poles
  - b. Capacitor poles
  - c. Riser poles and underground dips for future risers
  - d. Neutral Isolation poles
  - e. Switch poles
  - f. Three phase transformer poles
  - g. Single phase transformer poles - unless the transformer's orientation can be rearranged such that future scheduled maintenance of the Utility's equipment wouldn't be hampered by the Provider's attached equipment.
  - h. Poles with two sets of cross arms where the cross arms occupy all four quadrants on the pole.
  - i. Poles that have structural repairs such as C-truss installations, fiberglass repair sleeve or have been identified as needing structural repair. Pole replacement will be required.
  - j. Poles with other attachments such as equipment including cross-connecting terminals, distribution terminals, load coil cases, apparatus cases, air dryers, CATV amplifiers or power supplies and any other equipment of significant size that is either pole- or strand-mounted.

- k. Poles considered as congested. These are poles that support two or more feeders. The Utility's pole inspection shall determine any pole that could be exempted from this stipulation.
- l. Poles with characteristics that do not guarantee the maximum permissible general public/uncontrolled exposure limits to Radio Frequency ("RF") radiation as indicated in Table 1 of FCC's Rule 47C.F.R. §1.1310.
- 3.6. For poles serviced by bucket trucks, all pole-top attachments must be accessible with the aerial lift device used by the Utility. The maximum height of the attachments will depend on the Utility's aerial lift trucks. Exact antenna height restrictions will be determined by field inspection at the proposed antenna location.

#### 4. STRUCTURAL

Unless otherwise provided for in the Tariff, the Utility and Provider shall adhere to the Structural Guidelines as set forth in this section.

- 4.1. Antenna support structures shall be designed to withstand load requirements specified by the NESC. The Utility will determine the level of structural and design analysis required based on the specifics of the attachment request and the circumstances at the requested site, subject to the following conditions:
  - a. Pole-top attachments complying with the "Vermont Standard"<sup>1</sup> pole-top attachment design (if and when approved by the Utility) shall not require additional review by a structural engineer.
  - b. The Utility may require that a qualified Professional Engineer ("PE") perform an analysis at the Provider's expense, if the proposed attachment does not comply per 4.1.a. The Utility and the Provider shall mutually agree upon which PE to utilize. The Provider may submit the analysis with the application, or the Utility may obtain the analysis as a part of the make-ready process.
- 4.2. All attaching hardware used to support the mast and all equipment attached to the mast shall be galvanized or stainless steel, in new condition and capable of withstanding all designed loads.
- 4.3. Lock washers shall be used on all fastening hardware.
- 4.4. Split bolts with washers, perpendicular to an antenna support mast are required if the support bolts for the mast are within 12 inches of the top of the pole.
- 4.5. The Utility shall designate the quadrant or quadrants of the pole to be used by the Provider in order to minimize conflicts with pole climbing.
- 4.6. Pole-top attachments shall conform to the following specifications:
  - a. There shall be 48 inches of vertical separation between the highest energized conductor and the lowest attached antenna.

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<sup>1</sup> The "Vermont Standard" is currently under design by the Vermont Telecommunication Authority.

- b. All devices attached above the communication space shall be affixed to a single antenna mast.
  - c. For single-phase poles, the antenna mast shall be affixed to the opposite side of the pole from the energized conductor.
  - d. For three-phase poles, the antenna mast and associated equipment may be authorized by adding a longer cross-arm (if the existing cross-arm is not of sufficient length) or an out rigged configuration or by installing a taller pole, to accommodate the Utility's safe approach distance.
  - e. The antenna mast shall be of sufficient length to allow it to extend from the communications space through the safety and electric supply spaces and above the pole sufficiently to allow the antennas to be attached in compliance with 4.7.a.
  - f. The antenna mast shall be offset from the pole by approximately six inches.
  - g. The antenna mast shall serve as a conduit for all cables running between the communications space to the antennas, such that no cables are exposed in the safety or electric supply spaces.
- 4.7. Devices may be attached to streetlight support structures, as long as they conform to the following conditions:
- a. The manufacturer's streetlight bracket specifications shall not be exceeded.
  - b. The total installation shall be less than twenty-five (25) pounds.
  - c. The installation shall not interfere with the operation and/or maintenance of the street light.
  - d. The streetlight bracket shall be ten (10) feet or shorter.
  - e. The streetlight bracket shall be a minimum of two (2) inch diameter ann.
  - f. Installation and maintenance on all attachments to streetlight brackets must be performed by qualified Utility personnel.
  - g. There will be no attachments to streetlight brackets which are mounted in the safety space, unless allowed by NESC.
- 4.8. The Provider shall include adequate fault current protection on all installations.
- 4.9. The Utility shall provide power to the Provider's equipment under an authorized Tariff or a special contract, which shall be filed with the Commission.

## **5. GROUNDING**

- 5.1. Grounding must comply with NESC, NEC, Utility Standards and Service Requirements, and the Tariff and is the responsibility of the Provider.

## **6. SAFETY**

Unless otherwise provided for in a Utility's Tariff, the Utility and Provider will follow the Safety guidelines as set forth in this section.

- 6.1. It is the responsibility of the Provider to ensure its employees and contractors are trained to comply with 2.1.b.
- 6.2. Provider must provide switches that shut off all power to and from its equipment. These switches must be clearly marked and accessible to all Utility personal. Utility personnel must be able to clearly determine by visible means that the RF output of the subject system is disabled. "Keep-out" tags shall be placed on the disconnecting devices during service on the pole.
- 6.3. The Provider is required to follow FCC signage requirements.
- 6.4. Any tree trimming in the Utility right of way required by the Provider will be coordinated through the Utility at the expense of the Provider. Any permits or rights-of-way required for tree trimming necessary to install, maintain, restore or otherwise service the distributive antenna system shall be obtained by the Provider in advance of any such work.
- 6.5. The Provider's personnel are not permitted to access the pole above the communications space. Only approved Utility personnel or contractors under the direction of an authorized Utility employee are permitted to access this section of the pole.
- 6.6. Provider shall maintain all equipment installed below the safety space.
- 6.7. The Provider shall provide identification apparatus tag(s) on its antenna equipment. The tag(s) shall include a 7 day, 24 hour contact telephone number of an individual who can immediately respond to emergencies and outage requirements.