

# BYLAW NO. 084-00

## A BYLAW IN THE TOWN OF PONOKA IN THE PROVINCE OF ALBERTA TO ESTABLISH AUTHORIZATION FOR THE DISTRIBUTION TARIFF

WHEREAS pursuant to Section 3 of the *Municipal Government Act*, S.A. 1994 c. M26.1, the purposes of a municipality are to provide services, facilities and other things that are necessary or desirable for all or part of a municipality;

AND WHEREAS the *Electric Utilities Act*, S.A. 1995, c. E-5.5, governs the provision of electric utility services in Alberta;

AND WHEREAS the *Distribution Tariff Regulation*, AR 84/2000, s. 11 & 13, requires each subsidiary of a municipality that owns an electric distribution system to prepare a distribution tariff and file the tariff with the Board for information not later than September 1<sup>st</sup>, 2000;

NOW THEREFORE COUNCIL OF THE TOWN OF PONOKA DULY ASSEMBLED ENACTS AS FOLLOWS:

### PURPOSE

The purpose of this bylaw is to approve the 2001 distribution tariff of the Town of Ponoka.

### DEFINITIONS

In this bylaw, unless the context otherwise requires:

1. “*Board*” shall mean the Alberta Energy & Utilities Board.
2. “*Business Day*” shall mean “*Business Day*” as defined in the Tariff of the Transmission Administrator.
3. “*Demand at the Meter*” shall mean the demand in kW or kVA calculated or measured at the Site meter.
4. “*Demand at the POD*” shall mean the demand in kW or kVA calculated or measured at the Point of Delivery defined in the Tariff of the Transmission Administrator.
5. “*Town*” shall mean the Town of Ponoka, and includes a person, if any, authorized to act on its behalf as a wire services provider under the EUA.
6. “*EPCOR Energy Services*” shall mean EPCOR Energy Services Inc.
7. “*EUA*” shall mean the Electric Utilities Act, S.A. 1995, C.E-5.5, including the regulations enacted thereunder, as re-enacted, amended or replaced from time to time.
8. “*Minimum Charge*” shall mean the minimum charge to be paid in respect of a given Site in relation to a given period of time.

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9. “*Minimum Demand*” shall mean the minimum number of kW or kVA upon which the Minimum Charge for a Site will be calculated.
10. “*Normal Maximum Demand*” shall mean the highest demand in kW that the service is reasonably expected to attain under normal operation. The Normal Maximum Demand shall determine the type of meter used for a site and which rate schedule is applicable. The Normal Maximum Demand shall be measured as the peak Demand over the last 12 months, or the forecast peak demand if the Town had reason to believe that the past 12 months are not indicative of future load.
11. “*Off Peak Period*” shall mean those hours which are defined as Off Peak in the Tariff of the Transmission Administrator.
12. “*Peak Monthly Demand*” shall mean the greatest metered or estimated kW or kVA demand during a given calendar month.
13. “*Power Factor*” shall mean the ratio of kW to kVA, measured in percent.
14. “*Power Factor Charges*” shall mean the charges that apply to a Site in respect to its Power Factor.
15. “*Settlement System Code*” shall mean the Settlement System Code established under the Roles, Relationships and Responsibilities Regulation of the EUA.
16. “*Site*” shall mean the Site as defined in the Settlement System Code.
17. “*Transmission Administrator*” shall mean the Person appointed by the Lieutenant Governor in Council to act as the Transmission Administrator pursuant to Part 3 of the EUA.
18. “*UFE*” shall mean Unaccounted for Energy as defined in the Settlement System Code.

### RULES FOR INTERPRETATION

19. The marginal notes and headings in this bylaw and its appended schedules are for reference purposes only.

### GENERAL

20. From January 1<sup>st</sup>, 2001 or such later date as the Province of Alberta may determine, the charges for the retail provision of electric energy shall be in accordance with this Bylaw.
21. The following schedules are included in and form part of this Bylaw:

DT – Schedule 1	Distribution Access Service Tariff
DT – Schedule 2	Transmission System Access Tariff
DT – Schedule 3	Distribution Tariff Terms and Conditions

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## EFFECTIVE DATE

22. This Bylaw shall come into effect upon third and final reading.

First Reading	September 21 <sup>st</sup> , 2000
Second Reading	September 21 <sup>st</sup> , 2000
Third & Final Reading	September 26 <sup>th</sup> , 2000

## TOWN OF PONOKA

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MAYOR

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TOWN MANAGER

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## SCHEDULE 1 DISTRIBUTION ACCESS SERVICE TARIFF

### RESIDENTIAL SERVICE

#### Applicable:

To all residential services that are served by the Town and which have an energy meter. Residential Service is only available to single or two family dwellings consisting of a suite of rooms provided with sleeping and cooking facilities, which is being used primarily for domestic use. Where a business is conducted from a dwelling that it is also used for domestic purposes, the Residential Service is no longer applicable if the service is larger than 200 amps.

#### Rate: Distribution Access Charges:

Charge Type	Value (Refer to the values associated with the Cell References in the Attached Table 1)
On-Peak Variable Charge (per kWh)	R1
Off-Peak Variable Charge (per kWh)	R2
Site Charge (per Day)	R3
Minimum Variable Charge (per Minimum kW per Day)	R8

Refer to the schedule titled “*Calculations of Demand and Minimum Variable Charges*” for calculation methodologies.

The Terms and Conditions apply to all sites.

### DISTRIBUTION ACCESS CHARGES - RATE SCHEDULE

#### COMMERCIAL/INDUSTRIAL SERVICE < 50 kVA

#### Applicable:

This rate is applicable to services that have a normal maximum demand of less than 50 kVA. These services will have energy meters or will have energy consumption on an estimated basis. This rate is also applicable to all services for which no other rate is applicable.

#### UNMETERED OPTION

#### Applicable:

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This rate is applicable to each service where energy consumption is small and can be easily predicted. The estimated consumption will be based on equipment name plate rating and operational patterns. These services will be supplied under the Rate Schedule - Commercial/Industrial Service<50kVa. The Town of Ponoka reserves the right to audit and re-estimate energy consumption.

Rate: Distribution Access Charges:

Charge Type	Value (Refer to the values associated with the Cell References in the Attached Table 1)
On-Peak Variable Charge (per kWh)	SC1
Off-Peak Variable Charge (per kWh)	SC2
Site Charge (per Day)	SC3
Minimum Variable Charge (per Minimum kW per Day)	SC8

Refer to the schedule titled “*Calculations of Demand and Minimum Variable Charges*” for calculation methodologies.

The Terms and Conditions apply to all sites.

### DISTRIBUTION ACCESS CHARGES - RATE SCHEDULE

#### COMMERCIAL/INDUSTRIAL SERVICE 50 kVA TO <150 kVA

Applicable:

This rate is applicable to services that have a normal maximum demand of greater than or equal to 50 kVA and less than 150 kVA. These services will have demand meters.

Rate: Distribution Access Charges:

Charge Type	Value (Refer to the values associated with the Cell References in the Attached Table 1)
On-Peak Variable Charge (per kWh)	MC1
Off-Peak Variable Charge (per kWh)	MC2
Site Charge (per Day)	MC3

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Demand Charge (per kVA per Day)	MC4
Minimum Variable Charge (per Minimum kVA per Day)	MC8

Refer to the schedule titled “*Calculations of Demand and Minimum Variable Charges*” for calculation methodologies.

The Terms and Conditions apply to all sites.

### DISTRIBUTION ACCESS CHARGES - RATE SCHEDULE

#### COMMERCIAL/INDUSTRIAL SERVICE 150 TO < 5,000 kVA

#### Applicable:

This rate is applicable to sites that have a normal maximum demand of greater than or equal to 150 kVA and less than 5,000 kVA. These services require an interval-recording meter. This rate is applicable to all services that are served at the secondary voltage of the transformer, normally with a delivery voltage of below 1,000 volts.

#### Rate: Distribution Access Charges:

Charge Type	Value (Refer to the values associated with the Cell References in the Attached Table 1)
On-Peak Variable Charge (per kWh)	TOU1
Off-Peak Variable Charge (per kWh)	TOU2
Site Charge (per Day)	TOU3
Demand Charge (per kW per Day)	TOU4
Minimum Variable Charge (per Minimum kW per Day)	TOU5
Power Factor Charge (per kVA <sub>r</sub> per Day)	TOU6

Refer to the schedule titled “*Calculations of Demand and Minimum Variable Charges*” for calculation methodologies.

A Minimum Variable Charge applies to all sites. Minimum Variable Charge may be waived when a site was constructed for redundancy and the load exhibits absolute diversity.

Where the Power Factor is less than 90% during the interval of the peak daily demand, the Power Factor

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Charge shall apply.

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The kVAr is the maximum kVAr, in excess of the kVAr at 90% power factor calculated for each interval during the billing period.

The Terms and Conditions apply to all sites.

## DISTRIBUTION ACCESS CHARGES - RATE SCHEDULE

### STREET LIGHTS

#### Applicable:

To the Retailer for services owned by the Town for Street Lighting Service.

Rate: Distribution Access Charges:

<b>Charge Type</b>	<b>Value (Refer to the values associated with the Cell References in the Attached Table 1)</b>
On-Peak Variable Charge (per kWh)	SL1
Off-Peak Variable Charge (per kWh)	SL2
Site Charge (per Day)	SL3
Minimum Variable Charge (per Minimum kW per Day)	SL10

Refer to the schedule titled "*Calculations of Demand and Minimum Variable Charges*" for calculation methodologies.

The Terms and Conditions apply to all sites.

## DISTRIBUTION ACCESS CHARGES - RATE SCHEDULE

### TRAFFIC CONTROL

#### Applicable:

To the Retailer for services owned by the Town for Traffic Lights and other Traffic Control Service.

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Rate: Distribution Access Charges:

<b>Charge Type</b>	<b>Value (Refer to the values associated with the Cell References in the Attached Table 1)</b>
On-Peak Variable Charge (per kWh)	TL1
Off-Peak Variable Charge (per kWh)	TL2
Site Charge (per Day)	TL3
Minimum Variable Charge (per Minimum kW per Day)	TL10

Refer to the schedule titled “*Calculations of Demand and Minimum Variable Charges*” for calculation methodologies.

The Terms and Conditions apply to all sites.

## **DISTRIBUTION ACCESS CHARGES - RATE SCHEDULE**

### LANE LIGHTS

Applicable:

To the Retailer of the services owned by the Town for Lane Lights Service.

Rate: Distribution Access Charges:

<b>Charge Type</b>	<b>Value (Refer to the values associated with the Cell References in the Attached Table 1)</b>
On-Peak Variable Charge (per kWh)	LL1
Off-Peak Variable Charge (per kWh)	LL2
Site Charge (per Day)	LL3
Minimum Variable Charge (per Minimum kW per Day)	LL10

Refer to the schedule titled “*Calculations of Demand and Minimum Variable Charges*” for calculation methodologies.

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The Terms and Conditions apply to all sites.

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## DISTRIBUTION ACCESS CHARGES - RATE SCHEDULE

### UNMETERED OPTION

#### Applicable:

To each service where energy consumption is small and can be easily predicted. The estimated consumption will be based on equipment nameplate rating and operational patterns. These services will be supplied under the Rate Schedule, Commercial/Industrial <50 kVA. The Town reserves the right to audit and re-estimate energy consumption. The customer may provide an acceptable meter socket and request metered service.

The Terms and Conditions apply to all sites.

## DISTRIBUTION TARIFF - 2001

### CALCULATIONS OF DEMAND AND MINIMUM VARIABLE CHARGES

The following words and phrases, whenever used in the Distribution Access rate schedules, shall be calculated in the manner set out below.

#### Billing Demand:

Is the greater of Contracted Minimum Demand or Peak Monthly Demand in kW or kVA, subject to ratchets, that is applied to the Demand Charge in the rate schedules.

The Peak Monthly Demand is calculated as follows:

*For Residential Services:* Total Settlement Load consumed in the last completed calendar month prior to the billing period in kWh / 182.50.

*For Commercial/ Industrial Service <50 kVA:* Total Settlement Load consumed in the last completed calendar month prior to the billing period in kWh / 262.96.

*For Commercial/ Industrial Service 50 kVA to <150 kVA:* Maximum monthly metered kVA in the last completed calendar month prior to the billing period.

*For Commercial/ Industrial Service 150 kVA to <5,000 kVA:* Maximum metered kW in the last completed calendar month prior to the billing period.

*For Street Lights Services:* Total Settlement Load consumed in the last completed calendar month prior to the billing period in kWh / 316.64

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*For Traffic Control Services:* Total Settlement Load consumed in the last completed calendar month prior to the billing period in kWh / 657.00

*For Lane Lights Services:* Total Settlement Load consumed in the last completed calendar month prior to the billing period in kWh / 312.54.

The Billing Demand value shall be the greatest of:

- a. The Peak Monthly Demand in the last completed calendar month prior to the billing period;
- b. 90% of the highest Peak Monthly Demand in the last 12 completed calendar months prior to the billing period;
- c. 85% of the highest Peak Monthly Demand in the last 24 completed calendar months prior to the billing period;
- d. 80% of the highest Peak Monthly Demand in the last 36 completed calendar months prior to the billing period;
- e. 75% of the highest Peak Monthly Demand in the last 48 completed calendar months prior to the billing period; and
- f. 70% of the highest Peak Monthly Demand in the last 60 completed calendar months prior to the billing period.

The Town will only have 12 months of history starting January 1<sup>st</sup>, 2001 for ratchet purposes and therefore, demand history will accumulate for the subsequent 48 months. On January 1<sup>st</sup>, 2005 60 months of history will be accumulated, and thereafter, all data older than 60 months will no longer be used in the calculation of the ratchet.

Where historical demand data is expressed in kVA but kW data is required for the calculation of the demand ratchet, The Town will estimate the kW value by multiplying the kVA value by a factor of 0.9.

Where historical demand data is expressed in kW but kVA data is required for the calculation of the demand ratchet, the Town will estimate the kVA value by dividing the kW value by a factor of 0.9.

### Contracted Minimum Demand:

Is the demand level in kW or kVA established by contractual arrangement between the Town and the Authorized Person in relation to the Town's investment in site facilities.

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## Minimum Demand:

Is calculated by multiplying the Billing Demand by a factor of 0.5. Minimum Demand is used in the calculation of the Minimum Variable Charge.

## Minimum Variable Charge:

Within the Distribution Access Service Charges, where the total On-Peak Variable Charge plus total Off-Peak Variable Charge for the billing period is less than the Minimum Variable Charge calculated, the Minimum Variable Charge shall apply.

The Minimum Variable Charge is calculated by multiplying the Minimum Demand (in kW or kVA) by the Minimum Variable Charge rate.

## Normal Maximum Demand:

The normal maximum demand is used to determine the type of meter used for a site and which rate schedule is applicable. The normal maximum demand may be measured as the peak demand over the last 12 months, or the forecast peak demand if the Town deems that the past 12 months are not indicative of future load.

## Peak Daily Demand:

Is the highest demand in kW in an interval for interval metered customers during the day.

## Peak Monthly Demand:

Is the highest Peak 15 minute metered or estimated demand in a calendar month. This means the highest metered kW for interval metered sites, or the calculated kW for non-interval metered sites. The Peak Monthly Demand for sites with a kVA demand meter is determined by the last meter reading in the calendar month prior to the billing period.

## Power Factor Charges:

Means the charges that apply to customers who have a Power Factor of less than 90% for the interval that is the Peak Daily Demand.

For example, a site has a Peak Daily Demand of 1,000 kW. During the same interval, the site registers 1,250 kVA. The Power Factor for the Peak Daily Demand is  $= 1,000/1,250 = 80\%$ . Since the Power Factor is less than 90%, Power Factor Charges apply.

The calculation of kVAr is as follows:  $kVAr = \text{SQRT}(kVA^2 - kW^2)$ .

The kVA at 90% Power Factor at 1,000 kW  $= 1,000/0.9 = 1,111$  kVA

The kVAr at 90% Power Factor is equal to  $\text{SQRT}(1,111^2 - 1,000^2) = 484$  kVAr.

The kVAr at 80% Power Factor is equal to  $\text{SQRT}(1,250^2 - 1,000^2) = 750$  kVAr.

The kVAr applied to the Power Factor Charge  $= 750$  kVAr  $- 484$  kVAr  $= 266$  kVAr.

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## DISTRIBUTION ACCESS CHARGES - RATE SCHEDULE

TABLE 1: VALUES REFERENCED IN 2001 DISTRIBUTION TARIFF RATE SCHEDULES

Rate Class	Cell Reference	Value	Description
Residential	R1	\$ 0.01272	/kWh of On-Peak Energy at the Meter
Residential	R2	\$ 0.00167	/kWh of Off-Peak Energy at the Meter
Residential	R3	\$ 0.30557	per site per day
Residential	R8	\$ 0.03833	per Minimum kW per day Minimum Variable Charge
< 50kVA	SC1	\$ 0.02522	/kWh of On-Peak Energy at the Meter
< 50kVA	SC2	\$ 0.01378	/kWh of Off-Peak Energy at the Meter
< 50kVA	SC3	\$ 0.81089	per site per day
< 50kVA	SC8	\$ 0.05766	per Minimum kW per day Minimum Variable Charge
50 to 149 kVA	MC1	\$ 0.02400	/kWh of On-Peak Energy at the Meter
50 to 149 kVA	MC2	\$ 0.00313	/kWh of Off-Peak Energy at the Meter
50 to 149 kVA	MC3	\$ 6.60450	per site per day
50 to 149 kVA	MC4	\$ 0.15944	per kVA per Day
50 to 149 kVA	MC8	\$ 0.05783	per Minimum kVA per day Minimum Variable Charge
150 to 4999 kVA	TOU1	\$ 0.02385	/kWh of On-Peak Energy at the Meter
150 to 4999 kVA	TOU2	\$ 0.00311	/kWh of Off-Peak Energy at the Meter
150 to 4999 kVA	TOU3	\$ 56.36612	per site per day
150 to 4999 kVA	TOU4	\$ 0.01918	per kW per Day
150 to 4999 kVA	TOU5	\$ 0.07270	per kW per Day of Minimum Charge
150 to 4999 kVA	TOU6	\$ 0.06871	per kVA per Day of Power Factor Charge
Street Lights	SL1	\$ 0.01987	/kWh of On-Peak Energy at the Meter
Street Lights	SL2	\$ 0.00843	/kWh of Off-Peak Energy at the Meter
Street Lights	SL3	\$ 0.12279	per site per day
Street Lights	SL10	\$ 0.04060	per Minimum kW per day Minimum Variable Charge
Traffic Lights	TL1	\$ 0.01642	/kWh of On-Peak Energy at the Meter
Traffic Lights	TL2	\$ 0.00496	/kWh of Off-Peak Energy at the Meter
Traffic Lights	TL3	\$ 0.09728	per site per day
Traffic Lights	TL10	\$ 0.12921	per Minimum kW per day Minimum Variable Charge
Lane Lights	LL1	\$ 0.01983	/kWh of On-Peak Energy at the Meter
Lane Lights	LL2	\$ 0.00840	/kWh of Off-Peak Energy at the Meter
Lane Lights	LL3	\$ 0.09728	per site per day
Lane Lights	LL10	\$ 0.04004	per Minimum kW per day Minimum Variable Charge

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## 1. SCHEDULE A: STANDARD SERVICES INCLUDED IN THE DISTRIBUTION TARIFF

### 1.1. Metering Services

1. Regular Power Meter Reads;
2. Off-cycle Meter Reads initiated by the Town; and
3. Standard Metering Report initiated by the Town.

### 1.2. Settlement Services

- a. Site Enrollment Request (*SRR*);
- b. Site Enrollment Notification (*SRN, SRO*);
- c. Settlement Results (*WSI, SSI, SPI*);
- d. Settlement Diagnostic Reports required by Alberta Settlement System Code (e.g. UFE and loss statistics);
- e. Cumulative Switch Estimates (*CSE*);
- f. Missing Read Estimates (*MRE*) used in interim and final settlement; and
- g. Site Characteristics Changes (*PSC*) e.g. profile class, loss class, seed consumption estimate, distribution tariff rate class attributes.

### 1.3. Distribution and Transmission Tariff Services

- a. Tariff Calculation Results Aggregated by Retailer;
- b. Provide Invoicing Details at Site Level.

### 1.4 Distribution Operation Services

- a. New Service Connection (install new meter);
- b. Remove Pets from Poles;
- c. Construction for New Service;

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- d. Consultation for Customer Energy Consumption Analysis (including High Consumption Complaints);
- e. Reset Customer's Breaker;
- f. Diagnostic testing for Computer and Office Equipment Problem;
- g. Field Order Status;
- h. Open Transformer for Electrician to Pull in Secondary;
- i. De-Energize Primary for Electrician to Work on Main Service;
- j. Temporary Disconnection (at Meter) for Site Service; and
- k. Investigate Power Quality Complaints.

### 2. SCHEDULE B: STANDARD REGULATED SERVICES REQUESTED BY RETAILER

Value Associated with italicized references are contained in the attached Table 2.

#### 2.1. Metering Services

- a. Off-Cycle Meter Reads
  - At least a 48 hours notice for the completion of such read is required. The charge for the Off-Cycle Meter Read is the value of *MMS-A1*.
  - An Emergency Off-Cycle Meter Read is one which occurs when the retailer requests that the read be completed before the end of the normal period of notice (2 business days) required by the Town for the completion of such read. The charge for the Emergency Off-Cycle Meter Read is the value of *MMS-A2*.
- b. Standard Metering Reports
  - At least 10 working days of notice are required for the completion of a 12-month extraction of historical consumption data for a site. The charge for this service is the value of *MMS-B1*.
- c. Ad-hoc Metering Reports
  - This is a service provided to retailer at a negotiated price.

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- The operator confirms feasibility of the request, according to the following criteria:
  - a. Availability of data requested;
  - b. Can the request be filled within ten days;
  - c. Complexity of request requires negotiations.
- If the request is unfeasible, the operator rejects the request, and notifies the requesting party.

### 2.2. Settlement Services

- a. Emergency Enrollment
  - Process enrollment request within 24 hours to enable retailer to request energization of a site.
  - Cost for providing the service is the value of *MSS-AI*.
- b. Enrollment Inquiry (including error code inquiry)
  - Telephone support for manual confirmation of enrollment, explanation of reasons for rejected enrollment request.
  - Cost for providing the service is the value of *MSS-BI*.
- c. Site Specific Settlement Results (DAS)
  - Provide daily load settlement results for all sites enrolled by a retailer.
  - Cost for providing the service the value of *MSS-CI*.
- d. Settlement Diagnostic Report Not Required by Alberta Settlement System Code
  - Summary report relating to settlement operation or results for retailer's customers other than reports required by Alberta Settlement Code (e.g. site status report, settlement results changes).
  - Cost for providing the service is the value of *MSS-DI*.

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- e. Settlement Results Inquiry
  - Ad Hoc inquiry relating to settlement results or reproduction of results.
  - Cost for providing the service is the value of *MSS-EI*.
- f. Retailer Provided Consumption Estimate
  - Retailer provided adjustment to the Town's consumption estimate for a site.
  - Cost for providing the service is the value of *MSS-FI*.
- g. Snapshot of Settlement Input Database for Retailer's Sites
  - Data dump of all inputs to settlement calculation for a given retailer's sites for a given period. Limited to past 12 months.
  - Cost for providing the service is the value of *MSS-GI*.
- h. Re-run Settlement Requests
  - Request to re-run settlement results with specific parameters, e.g. request to correct slamming.
  - Cost for providing the service is the value of *MSS-HI*.

### 2.3. Distribution and Transmission Tariff Services

- a. Ad-hoc Tariff Requests
  - Inquires from external requestors (e.g. Retailers, Market Surveillance Administrator, etc.) regarding explanation of tariff charges, error codes, billing determinants used and resulting charges, and any other inquiries relating to distribution and transmission tariff calculations.
  - Cost for providing the service is the value of *MDTS-A1*.
- b. Re-creation of Specific Tariff Run
  - Upon request and pending availability of the Settlement/Tariff operational window, specific tariff run may be re-created. Settlement date, stage (initial, interim and final), and sites must be specified at the time of the request.

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- Cost for providing the service is the value of *MDTS-B1*.
- c. Tariff Charges Aggregated by Wires Rate Class (includes count of sites)
  - Upon request, a report will be prepared using pre-defined, standard format. Costing will be based on the single tariff run (e.g., initial run for January 5<sup>th</sup>)
  - Cost for providing the service is the value of *MDTS-C1*.

Note: Recreation of historical data is limited to the latest 12-month period available.

### 2.4. Distribution Operation Services

- a. Emergency Service Connection
  - An Emergency Service Connection (including a physical turn on of an existing service or a new meter installation) is a service which occurs when the retailer requests that the connection be completed before the end of the normal period of notice (2 business days) required by the Town for the completion of such service.
  - Emergency Meter Installation
    - a. Single Phase Installation (apartment etc.) *MDOS-1A*
    - b. Underground Installation *MDOS-1B*
    - c. Overhead Installation *MDOS-1C*
    - d. Open Wire Installation *MDOS-1D*
    - e. Quaroplex Installation *MDOS-1E*
    - f. Farm Installation *MDOS-1F*
    - g. Network Customer Installation *MDOS-1G*
    - h. Polyphase Energy Installation  
*MDOS-1H*
    - i. Self Contained Polyphase Installation  
*MDOS-1I*
- Emergency Unseal Meter *MDOS-1-1*
- Emergency Meter and Aerial Service Installation up to 200 amps *MDOS-1-2*
- Emergency Meter and U/G Service Installation up to 200 amps *MDOS-1-3*
- Emergency Meter and Service Installation Over 200 amps,  
Plus the Cost of Installing the Emergency Service
  - a. TX Rated Secondary Demand Installation *MDOS-1-4*
  - b. TX Rated Primary Demand Installation *MDOS-1-5*

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- b. Temporary Set Up of Power Service
  - Where a separate temporary power is provided for construction Purposes in addition to the construction cost to supply the service *MDOS-2-1*
- c. De-Energize Service (including the sealing of a meter or disconnecting a service at the pole) *MDOS-3-1*
- d. Install/Remove Current Limiter
  - Where the weather does not permit for a service disconnection, a current limiter will be installed *MDOS-4-1*
- e. Remove Meter and Service *MDOS-5-1*
- f. Upgrade to an Interval Meter
  - A retailer who has a customer with demand threshold below 150 kVa and requests the Town to install an interval meter is liable for the cost of the meter that exceeds the cost recoverable under the distribution tariff *MDOS-6-1*
- g. Perform Meter Check/Testing
  - If the result of the meter check indicates the meter is functioning within the parameters defined by the Electricity and Gas Inspection Act, the customer is liable for the cost of the meter check *MDOS-7-1*
  - If the meter is proven to be malfunction, the customer's meter reading will be adjusted and no cost to the customer for the meter check *MDOS-7-2*
- h. Upgrade Security Light Equipment *MDOS-8-1*

### 3. SCHEDULE C: STANDARD REGULATED SERVICES REQUESTABLE BY ANY PARTY

Values Associated with italicized references are contained in the attached Table 2.

#### 3.1. Distribution Operation Services

##### Tree Guards

- The fee for installation of tree guards on a customer's service wire shall be:
  - For the first tree guard *MDOS-CA1*
  - For each addition guard installed at the same time and location *MDOS-CA2*

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## 4. SCHEDULE D: NEGOTIATED REGULATED SERVICES REQUESTABLE BY ANY PARTY

### 4.1. Distribution Operation Services

- a. Provide High Voltage Insulation for Contractors to Hang Signs;
- b. Re-route Line for Contractors;
- c. Network or Primary Switching;
- d. Terminate Transformers for Land Developer (Underground Residential);
- e. Escort High Loads;
- f. Trouble Calls;
- g. System Damage Reports; and
- h. Jobbing Requests.

## 5. SCHEDULE E: SERVICES AND CHARGES INITIATED BY THE TOWN

Values Associated with italicized references are contained in the attached Table 2.

### 5.1 Settlement Services

#### Customer Information Breach Fee

The Retailer is required to advise the Town, within 2 business days, of any changes in customer information as defined by the UCI (Update Customer Information) transaction in the Alberta Settlement System Code. If the Retailer, at any time, fails to provide the information in the specified time frame, the Retailer will pay the Town a Customer Information Breach Fee of *MSS-II*

### 5.2 Distribution Operation Services

#### Meter Tampering

The repair fee charged to a customer whose meter has been tampered with, disconnected or has had the seal broken shall be charged for re-installing or re-sealing and adjusting the meter reading. In addition to the above fee, if applicable, the cost of a new meter and a fine of not more than \$ 500.00 may be assessed against the unauthorized persons who have tampered with or disconnected the meter, or broken the seal *MDOS-EBI*

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## 5.3 Financial Services

### Returned Cheque Fee

The Town will assess a returned cheque fee to any customer/Retailer whose cheque made payable to the Town is dishonored by any bank when presented for payment by the Town *MFS-EI*

## 6. SCHEDULE F: NON-REGULATED SERVICES

### 6.1 Metering Services

#### Sub-Metering Service

### 6.2 Distribution Operation Services

- a. Support Poles During Excavation (install new water, sewer or gas lines);
- b. Provide Contractors Specialized Equipment;
- c. Change Light Bulbs (Stadium, etc.);
- d. Set Poles for Contractors;
- e. Pull in Secondary Cables for Contractors;
- f. Build Transformer Pads for Contractors;
- g. Fiber-optic Cable Installation;
- h. Hydrovacung;
- i. Specialized Cable Work (Lead Cable); and
- j. Locate Underground Secondary Fault to Service on Private Property .

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TABLE 2: VALUES REFERENCED IN SCHEDULE OF MISCELLANEOUS SERVICES

Cell Reference	Value	Description Services
MMS-A1	\$6.50 per site	Off-Cycle Meter Reads (Metering Services)
MMS-A2	\$9.00 per site	Emergency Off-Cycle Meter Read (Metering Services)
MMS-B1	\$25.00 per site	Standard Metering Reports (Metering Services)
MSS-A1	\$9.00 per site	Emergency Enrollment (Settlement Services)
MSS-B1	\$10.00 per inquiry plus \$100.00 per hour	Enrollment Inquiry (including error code inquiry)(Settlement Services)
MSS-C1	\$0.01 per site per month	Site Specific Settlement Results (Settlement Services)
MSS-D1	\$100.00 per report	Settlement Diagnostic Report Not Required by Alberta Settlement System Code (Settlement Services)
MSS-E1	\$20.00 per inquiry plus \$100.00 per hour	Settlement Results Inquiry (Settlement Services)
MSS-F1	\$50.00 per estimate adjustment	Retailer provided site consumption estimate (Settlement Services)
MSS-G1	\$0.01 per site per day	Snapshot of Settlement Input Database for Retailer's Sites (Settlement Services)
MSS-H1	\$1000.00 per run plus \$200.00 per hour	Re-run Settlement Request (Settlement Services)
MSS-I1	\$50.00 per site	Customer Information Breach Fee (Settlement Services)
MDTS-A1	\$20.00 per inquiry plus \$100.00 per hour	Ad-hoc Tariff Requests (Distribution and Transmission Tariff Services)
MDTS-B1	\$1000.00 per run plus \$200.00 per hour	Re-creation of Specific Tariff Run (Distribution and Transmission Tariff Services)
MDTS-C1	\$20.00 per report	Tariff Charges Aggregated by Wires Rate Class (includes count of sites)(Distribution and Transmission Tariff Services )
MDOS-1A	\$24.00 plus standard connection fee of \$22.00	Emergency Meter Installation - Single Phase (Distribution Operation Services)
MDOS-1B	\$24.00 plus standard connection fee of \$22.00	Emergency Meter Installation - Underground (Distribution Operation Services)
MDOS-1C	\$24.00 plus standard connection fee of \$22.00	Emergency Meter Installation - Overhead (Distribution Operation Services)
MDOS-1D	\$24.00 plus standard connection fee of \$22.00	Emergency Meter Installation - Open Wire (Distribution Operation Services)

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Cell Reference	Value	Description Services
MDOS-1E	\$24.00 plus standard connection fee of \$22.00	Emergency Meter Installation - Quaroplex (Distribution Operation Services)
MDOS-1F	\$24.00 plus standard connection fee of \$22.00	Emergency Meter Installation - Farm (Distribution Operation Services)
MDOS-1G	\$24.00 plus standard connection fee of \$22.00	Emergency Meter Installation - Network Customer (Distribution Operation Services)
MDOS-1H	\$24.00 plus standard connection fee of \$22.00	Emergency Meter Installation - Polyphase Energy (Distribution Operation Services)
MDOS-1I	\$24.00 plus standard connection fee of \$22.00	Emergency Meter Installation - Self Contained Polyphase (Distribution Operation Services)
MDOS-1-1	\$24.00 plus standard connection fee of \$22.00	Emergency Unseal Meter (Distribution Operation Services)
MDOS-1-2	\$135.00 plus standard connection fee of \$22.00	Emergency Meter and Aerial Service Installation up to 200 amps (Distribution Operation Services)
MDOS-1-3	\$77.00 plus standard connection fee of \$22.00	Emergency Meter and Underground Service Installation up to 200 amps (Distribution Operation Services)
MDOS-1-4	\$24.00 plus the cost of installing the emergency service	Emergency Meter and Service Installation Over 200 amps, Plus the Cost of Installing the Emergency Service - TX Rated Secondary Demand Installation (Distribution Operation Services)
MDOS-1-5	\$24.00 plus the cost of installing the emergency service	Emergency Meter and Service Installation Over 200 amps, Plus the Cost of Installing the Emergency Service - TX Rated Primary Demand Installation (Distribution Operation Services)
MDOS-2-1	\$180.00 plus the construction cost to supply the service	Temporary Set Up of Power Service (Distribution Operation Services)
MDOS-3-1	No Charge	De-Energize Service (including the sealing of a meter or disconnecting a service at the pole) (Distribution Operation Services)
MDOS-4-1	No Charge	Install/Remove Current Limiter (Distribution Operation Services)
MDOS-5-1	No Charge	Remove Meter and Service (Distribution Operation Services)
MDOS-6-1	\$3630.00	Upgrade to an Interval Meter (Distribution Operation Services)
MDOS-7-1	At Customer's Cost	Perform Meter Check/Testing and Meter Proves Functioning (Distribution Operation Services)

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<b>Cell Reference</b>	<b>Value</b>	<b>Description Services</b>
MDOS-7-2	No Charge	Perform Meter Check/Testing and Meter Proves Un-functioning (Distribution Operation Services)
MDOS-8-1	At Customer's Cost	Upgrade Security Light Equipment (Distribution Operation Services)
MDOS-CA1	\$58.00	Tree Guards for first tree guard (Distribution Operation Services)
MDOS-CA2	\$26.00	Tree Guards for each addition guard installed at the same time and location (Distribution Operation Services)
MDOS-EB1	\$55.00	Metering Tampering (Distribution Operation Services)
MFS-E1	\$20.00	Returned Cheque Fee (Financial Services)

# BYLAW NO. 084-00

## SCHEDULE 2 TRANSMISSION SYSTEM ACCESS TARIFF

### SYSTEM ACCESS SERVICE CHARGES - RATE SCHEDULE

RESIDENTIAL SERVICE  
COMMERCIAL/INDUSTRIAL SERVICE < 50 kVA  
COMMERCIAL/INDUSTRIAL SERVICE 50 kVA TO 149 kVA  
COMMERCIAL/INDUSTRIAL SERVICE 150 TO 5,000 kVA  
STREET LIGHTS  
TRAFFIC CONTROL  
LANE LIGHTS

#### **RATE: SYSTEM ACCESS SERVICE CHARGES:**

The process of calculating the charges for System Access is intended to result in charges which recover the costs payable under the Distribution Tariff plus an administration cost of 1.5%. The mechanical application of this process is described below. If unforeseen changes in the Distribution Tariff require changes to the mechanical process in future, then those changes will be made to best insure that these charges operate as intended.

The Charges for System Access Service shall be calculated as follows. This calculation will be updated for each change in Utilicorp's Transmission/Distribution Tariff applicable to the Town.

- a. For each rate class the Town will forecast the annual Utilicorp POD billing determinants. For each rate class this includes:
  - i. The annual Winter Shoulder period kWh energy consumption at the POD level;
  - ii. The annual Winter On-Peak period kWh energy consumption at the POD level;
  - iii. The annual Winter Off-Peak period kWh energy consumption at the POD level;
  - iv. The annual Summer On-Peak period kWh energy consumption at the POD level;
  - v. The annual Summer Shoulder period kWh energy consumption at the POD level;
  - vi. The annual Summer Off-Peak period kWh energy consumption at the POD level;
  - vii. The billing demand in kW.

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- b. For each rate class the forecast annual cost for each component of the distribution Tariff is calculated by multiplying the wholesale billing determinants above by the applicable charges in the Utilicorp Transmission/Distribution Tariff. This process results in the following annual costs in dollars:

Annual System Access Demand Cost ("SADC")  
Annual Winter Shoulder period energy Cost ("SAWSEC")  
Annual Winter On-Peak period energy Cost ("SAWONEC")  
Annual Winter Off-Peak period energy Cost ("SAWOFEC")  
Annual Summer On-Peak period energy Cost ("SASONEC")  
Annual Summer Shoulder period energy Cost ("SASSECC")  
Annual Summer Off-Peak period energy Cost ("SASOFEC")

- c. For all rate classes the Town will forecast the retail billing determinant, which is the annual total kWh energy consumption at the retail meter level ("AE").
- d. The System Access Charge ("SACH") for all rate classes is calculated as follows:

$$\begin{aligned} \text{SACH} = & \\ & (\text{SADC} + \text{SAWSEC} + \text{SAWONEC} + \text{SAWOFEC} + \text{SASONEC} + \text{SASSECC} \\ & + \\ & \text{SASOFEC}) * \text{AC} / \text{AE} \end{aligned}$$

Where AC is equal to 1.015 to provide a 1.5% administration cost recovery to cover the cost of managing the Utilicorp invoice and rebilling.

The Terms and Conditions apply to all customers.

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## SYSTEM ACCESS SERVICE CHARGES - RATE SCHEDULE

### DEFERRAL ACCOUNT

#### RATE: SYSTEM ACCESS SERVICE CHARGE DEFERRAL ACCOUNT:

The Town will track the total annual cost of providing wires service to the Town's interface point. The total cost of service includes;

- a. Utilicorp's charges in lieu of Transmission Administrator charges at the 25 kV interchange points,
- b. the cost of administration for rebilling System Access Service Charges.

The Town will also track the total revenue from System Access Service Charges. Once each year, The Town will reconcile the difference between costs and revenue for System Access Service charges and charge/refund the difference on a percentage of revenue basis to all customers connected to the Town's system.

The Terms and Conditions apply to all customers.