



**ENMAX POWER CORPORATION (“EPC”)**

**DISTRIBUTION TARIFF**

**RATE SCHEDULE**

**RATES IN EFFECT AS OF January 1, 2020**

## EPC DISTRIBUTION TARIFF RATE SCHEDULE

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## **DISTRIBUTION TARIFF RESIDENTIAL**

### **RATE CODE D100**

Rate Schedule for the provision of Electricity Services to residential Customers of a Retailer.

### **ELIGIBILITY**

1. Sites which use Electricity Services for domestic purposes in separate and permanently metered single family dwelling units with each unit either metered separately or incorporated into a common building with other units.
2. As a single phase or three phase wire service supplied at a standard voltage normally available.
3. Sites eligible under 1 and 2 that qualify as a Micro-Generator under the Micro-Generation Regulation.

### **RATE**

<b><u>COMPONENT TYPE</u></b>	<b><u>UNIT</u></b>	<b><u>PRICE</u></b>
<b>DISTRIBUTION CHARGE FOR DISTRIBUTION ACCESS SERVICE</b>		
Service and Facilities Charge	per day	\$0.530189
System Usage Charge	per kWh	\$0.010790
<b>TRANSMISSION CHARGE FOR SYSTEM ACCESS SERVICE</b>		
Variable Charge	per kWh	\$0.019463

### **INVOICE PERIOD**

Monthly, from the date of the last invoice to the date of the current invoice.

### **TERMS AND CONDITIONS**

The Terms and Conditions of the EPC Distribution Tariff form part of this Rate Schedule and apply to all Electricity Services supplied under this Tariff.

## **OTHER**

1. No more than one additional unit of living quarters within a single family dwelling, such as a basement suite equipped with cooking facilities, may be provided Electricity Services through one Meter under Rate Code D100. If the dwelling contains more than one additional self-contained unit of living quarters, a Commercial Rate will apply unless a separate Meter is installed for each unit.

All new construction in R2 or higher density areas shall have a separate Meter for each suite, or alternatively the Electricity Services may be invoiced at the appropriate commercial rate.

2. If a Residential Site has a garage with a separate meter, the garage will be assigned a commercial rate.
3. If a Site qualifies as a Micro-Generator, rate charges will only apply to energy inflow into the Site (i.e. no outflow charges).

## **LOCAL ACCESS FEE (LAF)**

The LAF is a surcharge imposed by the City of Calgary and is not approved by the Alberta Utilities Commission. The LAF is collected by EPC on behalf of the City for all Sites located within the municipal boundaries of the City of Calgary.

# DISTRIBUTION TARIFF SMALL COMMERCIAL

## RATE CODE D200

Rate Schedule for the provision of Electricity Services to small commercial Customers of a Retailer.

## ELIGIBILITY

1. Commercial Sites where the Energy consumption is less than 5,000 kWh per month (includes all unmetered services that are not Rate Code D500).
2. Sites eligible under 1 that qualify as a Micro-Generator under the Micro-Generation Regulation.

## RATE

<u>COMPONENT TYPE</u>	<u>UNIT</u>	<u>PRICE</u>
<b>DISTRIBUTION CHARGE FOR DISTRIBUTION ACCESS SERVICE</b>		
Service and Facilities Charge	per day	\$1.214605
System Usage Charge	per kWh	\$0.009244
<b>TRANSMISSION CHARGE FOR SYSTEM ACCESS SERVICE</b>		
Variable Charge	per kWh	\$0.015905

## INVOICE PERIOD

Monthly, from the date of the last invoice to the date of the current invoice.

## TERMS AND CONDITIONS

The Terms and Conditions of the EPC Distribution Tariff form part of this Rate Schedule and apply to all Electricity Services supplied under this Tariff.

## OTHER

### 1. Temporary Construction/Service

Construction and rental costs for necessary transformers and equipment required for any temporary Electricity Services (whether single or three phase, or whether served from an overhead or underground source), shall be payable by the Customer to EPC in advance and based on an EPC estimate. Construction costs include costs associated with:

- (a) up and down labour;
- (b) unsalvageable material;
- (c) vehicles; and
- (d) equipment.

### 2. Temporary Connection Service

Where applied-for Connection Services are to be used for temporary purposes only, the Customer will pay EPC, in advance of the installation:

- (a) EPC's total cost of installation and removal of the Facilities required for the temporary service; and
- (b) the cost of unsalvageable material.

### 3. Unmetered Services

For unmetered services where individual energy consumption is small and easily predicted, estimated consumption will be based on equipment nameplate rating and operational patterns.

4. If a Site that qualifies as a Micro-Generator, rate charges will only apply to energy inflow into the Site (i.e. no outflow charges).

## LOCAL ACCESS FEE (LAF)

The LAF is a surcharge imposed by the City of Calgary and is not approved by the Alberta Utilities Commission. The LAF is collected by EPC on behalf of the City for all Sites located within the municipal boundaries of the City of Calgary.

# DISTRIBUTION TARIFF MEDIUM COMMERCIAL

## RATE CODE D300

Rate Schedule for the provision of Electricity Services to medium commercial Customers of a Retailer.

## ELIGIBILITY

1. For Sites whose Energy consumption is equal to or greater than 5,000 kWh per month for at least six of the last 12 invoice periods, provided a peak demand greater than 150 kVA was not registered twice in the previous 365 days.
2. Sites eligible under 1 above that qualify as a Micro-Generator under the Micro-Generation Regulation.

## RATE

<u>COMPONENT TYPE</u>	<u>UNIT</u>	<u>PRICE</u>
<b>DISTRIBUTION CHARGE FOR DISTRIBUTION ACCESS SERVICE</b>		
Service Charge	per day	\$6.869087
Facilities Charge	per day per kVA of Billing Demand	\$0.046631
System Usage Charge	per kWh	\$0.004832
<b>TRANSMISSION CHARGE FOR SYSTEM ACCESS SERVICE</b>		
Demand Charge	per day per kVA of Billing Demand	\$0.118081
Variable Charge	per kWh	\$0.004047

*Where*

kVA of "Billing Demand" is defined as the greater of "Metered", "Ratchet" or "Contract" Demand:

- (a) "Metered Demand" is the actual metered demand in the Tariff bill period;





### **LOCAL ACCESS FEE (LAF)**

The LAF is a surcharge imposed by the City of Calgary and is not approved by the Alberta Utilities Commission. The LAF is collected by EPC on behalf of the City for all Sites located within the municipal boundaries of the City of Calgary.

# DISTRIBUTION TARIFF

## LARGE COMMERCIAL - SECONDARY

### RATE CODE D310

Rate Schedule for the provision of Electricity Services to large commercial (secondary) Customers of a Retailer.

### ELIGIBILITY

1. For Electricity Services that registered a monthly peak demand greater than 150 kVA twice in the previous 365 days and served at secondary voltage.
  
2. Sites eligible under 1 that qualify as a Micro-Generator under the Micro-Generation Regulation.

### RATE

<u>COMPONENT TYPE</u>	<u>UNIT</u>	<u>PRICE</u>
<b>DISTRIBUTION CHARGE FOR DISTRIBUTION ACCESS SERVICE</b>		
Service Charge	per day	\$20.586377
Facilities Charge	per day per kVA of Billing Demand	\$0.121765
System Usage Charge On Peak	per kWh	\$0.007488
System Usage Charge Off Peak	per kWh	\$0.000000
<b>TRANSMISSION CHARGE FOR SYSTEM ACCESS SERVICE</b>		
Demand Charge	per day per kVA of Billing Demand	\$0.138805
Variable Charge On Peak	per kWh	\$0.004574
Variable Charge Peak	Off per kWh	\$0.003573

*Where*

kVA of "Billing Demand" is defined as the greater of "Metered", "Ratchet" or "Contract" Demand:

- (a) “Metered Demand” is the actual metered demand in the Tariff bill period,
- (b) “Ratchet Demand” is 90% of the highest kVA demand in the last 365 days ending with the last day of the Tariff bill period,
- (c) “Contract Demand” is the kVA contracted for by the Customer.

“On Peak” is all Energy consumption from 8 a.m. to 9 p.m. Monday to Friday inclusive, excluding statutory holidays (as according to the ISO Rules definition),

“Off Peak” is all Energy consumption not consumed in On Peak hours.

### **INVOICE PERIOD**

Monthly, from the date of the last invoice to the date of the current invoice.

### **TERMS AND CONDITIONS**

The Terms and Conditions of the EPC Distribution Tariff form part of this Rate Schedule and apply to all service supplied under this Tariff.

### **OTHER**

If a Site qualifies as a Micro-Generator, rate charges will only apply to energy inflow into the Site (i.e. no outflow charges).

### **LOCAL ACCESS FEE (LAF)**

The LAF is a surcharge imposed by the City of Calgary and is not approved by the Alberta Utilities Commission. The LAF is collected by EPC on behalf of the City for all Sites located within the municipal boundaries of the City of Calgary.



(b) "Ratchet Demand" is 90% of the highest kVA demand in the last 365 days ending with the last day of the Tariff bill period,

(c) "Contract Demand" is the kVA contracted for by the Customer,

"On Peak" is all Energy consumption from 8 a.m. to 9 p.m. Monday to Friday inclusive, excluding statutory holidays (as according to the ISO Rules definition),

"Off Peak" is all Energy consumption not consumed in On Peak hours.

### **INVOICE PERIOD**

Monthly, from the date of the last invoice to the date of the current invoice.

### **TERMS AND CONDITIONS**

The Terms and Conditions of the EPC Distribution Tariff form part of this Rate Schedule and apply to all Electricity Services supplied under this Tariff.

### **OTHER**

1. The Customer is responsible for supplying all transformers whether owned by Customer or rented.
2. "Primary Metering" shall be metering at EPC's primary distribution voltage with any subsequent transformation being the sole responsibility of the Customer.
3. Multi-Sites
  - a) For Customers that have a normally used service connection (preferred service) and a second service connection used strictly as a backup service (alternate service), the demands of the two service connections will be totaled on an interval basis and charged based on Rate Code D410.
  - b) For Customers that use more than one service connection on a regular basis, demands of all the service connections will be totaled on an interval basis and charged based on Rate Code D410 provided the service connections are:
    - i) positioned on adjacent and contiguous locations;
    - ii) not separated by private or public property or right-of-way; and
    - iii) operated as one single unit.

4. If a Site qualifies as a Micro-Generator, rate charges will only apply to energy inflow into the Site (i.e. no outflow charges).

**LOCAL ACCESS FEE (LAF)**

The LAF is a surcharge imposed by the City of Calgary and is not approved by the Alberta Utilities Commission. The LAF is collected by EPC on behalf of the City for all Sites located within the municipal boundaries of the City of Calgary.

# DISTRIBUTION TARIFF STREETLIGHTS

## RATE CODE D500

Rate Schedule for the provision of Electricity Services to Customers of a Retailer.

### ELIGIBILITY

For all photo cell controlled lighting services including all streetlights, traffic sign lighting, roadway lighting and lane rental lighting. Services with photo cell controlled lighting will not be eligible for a Meter.

### RATE

<u>COMPONENT TYPE</u>	<u>UNIT</u>	<u>PRICE</u>
<b>DISTRIBUTION CHARGE FOR DISTRIBUTION ACCESS SERVICE</b>		
System Usage Charge	per kWh	\$0.021793
<b>TRANSMISSION CHARGE FOR SYSTEM ACCESS SERVICE</b>		
Variable Charge	per kWh	\$0.016804

### INVOICE PERIOD

Monthly, from the date of the last invoice to the date of the current invoice.

### TERMS AND CONDITIONS

The Terms and Conditions of the EPC Distribution Tariff form part of this Rate Schedule and apply to all Electricity Services supplied under this Tariff.

### LOCAL ACCESS FEE (LAF)

The LAF is a surcharge imposed by the City of Calgary and is not approved by the Alberta Utilities Commission. The LAF is collected by EPC on behalf of the City for all Sites located within the municipal boundaries of the City of Calgary.

# DISTRIBUTION TARIFF

## LARGE DISTRIBUTED GENERATION

### RATE CODE D600

Rate Schedule for the provision of Electricity Services to Sites with on-site generation with a minimum export capacity of 1,000 kVA.

### ELIGIBILITY

1. For services with on-site generation connected in parallel with the EPC Electric Distribution System with a minimum export capacity of 1,000 kVA.
2. For Electricity Services that are served at primary voltage.
3. For sites equipped with bi-directional interval recording metering.

### RATE

<u>COMPONENT TYPE</u>	<u>UNIT</u>	<u>PRICE</u>
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#### **DISTRIBUTION CHARGE FOR DISTRIBUTION ACCESS SERVICE**

Service Charge	per day	\$24.588747
Dedicated Facilities Charge	per day	customer specific
System Usage Charge On Peak	per kWh	\$0.009401
System Usage Charge Off Peak	per kWh	\$0.000000

#### **TRANSMISSION CHARGE FOR SYSTEM ACCESS SERVICE**

ISO Costs/Credits	\$	Flow through
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1. The customer specific Dedicated Facilities Charge daily amount will be determined as follows:

$$\text{Dedicated Facilities Charge} = ((\text{DFA} + \text{GA}) \times (\text{CRF} + \text{OMA}))/365 \text{ days.}$$

Where:



- a) DFA = current cost of dedicated feeder assets
- b) GA = general assets associated with DFA and equal to 10.8% of DFA
- c) CRF = Capital Recovery Percentage Factor based on EPC's weighted cost of capital and approved depreciation rate.
- d) OMA = Operation, maintenance and administration factor equal to 3.1% of DFA.

The customer specific Dedicated Facilities Charge daily amount will be outlined in the Interconnection Agreement which will also include the term of the Agreement and an annual inflation adjustment.

- 2. The System Usage Charge will be determined using the net of the energy inflow and energy outflow at the Meter(s). System Usage Charge will be waived for sites that only have dedicated facilities and do not use the EPC primary feeder system.
- 3. "On Peak" is all Energy consumption from 8 a.m. to 9 p.m. Monday to Friday inclusive, excluding statutory holidays (as according to the ISO Rules definition), "Off Peak" is all Energy consumption not consumed in On Peak hours.
- 4. Flow-Through of ISO Costs/Credits will be determined by applying the ISO DTS rate and/or STS rate (and any applicable riders) to the difference between the POD billing determinants with and without the site(s) billing determinants.
- 5. An initial fee will be charged for the incremental cost of bi-directional meter(s).

### **INVOICE PERIOD**

Monthly, from the date of the last invoice to the date of the current invoice.

### **TERMS AND CONDITIONS**

The Terms and Conditions of EPC form part of this Rate Schedule and apply to all Electricity Services supplied under this Tariff.

## **OTHER**

5. The Customer is responsible for supplying all transformers whether owned by customer or rented.
6. "Primary Metering" shall be metering at EPC's primary distribution voltage with any subsequent transformation being the sole responsibility of the Customer.
7. Multi-Site Locations
  - c) For locations or buildings that have a normally used service connection (preferred service) and a second service connection used strictly as a backup service (alternate service), the demands of the two service connections will be totaled on an interval basis and charged on Rate Code D600.
  - d) For locations that use more than one service connection on a regular basis, demands of all the service connections will be totaled on an interval basis and charged on Rate Code D600.

## **LOCAL ACCESS FEE (LAF)**

The LAF is a surcharge imposed by the City of Calgary and is not approved by the Alberta Utilities Commission. The LAF is collected by EPC on behalf of the City for all Sites located within the municipal boundaries of the City of Calgary.

# DISTRIBUTION TARIFF TRANSMISSION CONNECTED

## RATE CODE D700

Rate Schedule for the provision of Distribution Access Service to Customers of a Retailer that are connected directly to EPC Facilities at a transmission voltage.

### RATE

<u>COMPONENT TYPE</u>	<u>UNIT</u>	<u>PRICE</u>
<b>DISTRIBUTION CHARGE FOR DISTRIBUTION ACCESS SERVICE</b>		
Service Charge	per day	\$24.588747
<b>TRANSMISSION CHARGE FOR SYSTEM ACCESS SERVICE</b>		
ISO Costs	\$	Flow through

### INVOICE PERIOD

Monthly, from the date of the last invoice to the date of the current invoice.

### TERMS AND CONDITIONS

The Terms and Conditions of the EPC Distribution Tariff form part of this Rate Schedule and apply to all Electricity Services supplied under this Tariff.

### LOCAL ACCESS FEE (LAF)

The LAF is a surcharge imposed by the City of Calgary and is not approved by the Alberta Utilities Commission. The LAF is collected by EPC on behalf of the City for all Sites located within the municipal boundaries of the City of Calgary.

## 2020 BALANCING POOL ALLOCATION RIDER

The “2020 Balancing Pool Allocation” is a rider to flow through the Alberta Electric System Operator (“ISO”) Consumer Allocation Rider (“Rider F”), which is an amount that was transferred to the ISO from the Balancing Pool under Section 82 of the Electric Utilities Act.

### ELIGIBILITY

Rider will apply to all energy delivered under the Distribution Tariff.<sup>1</sup> The rider is effective January 1, 2020.

#### Rider

<u>COMPONENT TYPE</u>	<u>UNIT</u>	<u>PRICE</u>
Balancing Pool Allocation	per kWh	\$ 0.002559

#### LOCAL ACCESS FEE (LAF)

The LAF is a surcharge imposed by the City of Calgary and is not approved by the Alberta Utilities Commission. The LAF is collected by EPC on behalf of the City for all Sites located within the municipal boundaries of the City of Calgary.

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<sup>1</sup> D600 sites are ineligible for the Balancing Pool Allocation Rider, as D600 sites receive a flow-through of ISO Costs/Credits through the D600 Transmission Charge for System Access Service, which includes the AESO Rider F.

**Q1 2020  
TRANSMISSION ACCESS CHARGE (“TAC”)  
DEFERRAL ACCOUNT RIDER**

This is a rider to charge/refund the balance in the TAC Deferral Account. The TAC Deferral Account records changes in transmission access costs due to changes in Alberta Electric System Operator (“AESO”) rates. The rider is effective January 1, 2020.

**TAC Deferral Account Rider ADJUSTMENT**

This is a rider to charge/refund the balance in the Transmission Access Charge Deferral Account. The TAC Deferral Account records changes in transmission access costs due to changes in Alberta Electric System Operator (AESO) rates. The adjustment is effective January 1, 2020 to December 31, 2020.

**ELIGIBILITY**

Rider will apply to all energy delivered under the Distribution Tariff.

**RIDER**

TAC Deferral Account Rider

<u>RATE CLASS DESCRIPTION</u>	<u>RATE CODE</u>	<u>UNIT</u>	<u>Q1 2020</u>	<u>TAC RIDER ADJUSTMENT</u>	<u>TOTAL TAC RIDER</u>
Residential	D100	per kWh	\$0.017665	\$0.004112	\$0.021777
Small Commercial	D200	per kWh	\$0.017477	\$0.000507	\$0.017984
Medium Commercial	D300	per kWh	\$0.017089	\$0.004185	\$0.021274
Large Commercial – Secondary	D310	per kWh	\$0.016956	\$0.003337	\$0.020293
Large Commercial – Primary	D410	per kWh	\$0.016959	\$0.005504	\$0.022463
Streetlighting	D500	per kWh	\$0.018608	\$0.022154	\$0.040762

**Local Access Fee (“LAF”)**

The LAF is a surcharge imposed by the City of Calgary and is not approved by the Alberta Utilities Commission. The LAF is applicable to all services located within the City of Calgary.

### **DAS ADJUSTMENT RIDER**

This is a rider to collect the difference between DAS Adjustment Rider amounts collected between January 1, 2019 to June 30, 2019 and the amounts approved as per AUC Decisions 23355-D02-2018 and 23102-D01-2019. The adjustment is effective January 1, 2020 to March 31, 2020.

### **ELIGIBILITY**

Rider will apply to all sites.

### **RIDER**

<b><u>RATE CLASS DESCRIPTION</u></b>	<b><u>RATE CODE</u></b>	<b><u>UNIT</u></b>	<b><u>PRICE</u></b>
Residential	D100	% DAS	-3.34%
Small Commercial	D200	% DAS	-3.35%
Medium Commercial	D300	% DAS	-3.29%
Large Commercial – Secondary	D310	% DAS	-3.41%
Large Commercial – Primary	D410	% DAS	-3.36%
Streetlights	D500	% DAS	-1.96%
Large Distributed Generation	D600	% DAS	-3.42%

### **Local Access Fee (LAF)**

The LAF is a surcharge imposed by the City of Calgary and is not approved by the Alberta Utilities Commission. The LAF is collected by EPC on behalf of the City for all Sites located within the municipal boundaries of the City of Calgary.