

# **CITY OF RED DEER<sup>1</sup>**

## **ELECTRIC LIGHT & POWER DEPARTMENT**

### **DISTRIBUTION TARIFF**

#### **GENERAL**

##### Effective Date

This Tariff is effective on February 1, 2023. It applies to all consumptions, whether estimated or actual, on and after February 1, 2023 for the use of System Access and Distribution Access services.

##### Terms and Conditions

The "Terms and Conditions for Distribution Access Services" and the "Terms and Conditions for Retail Access Services" are part of this Tariff. Furthermore, the "Schedule of Fees for Distribution Access Services" and the "Retail Access Service Agreement" are also part of this Tariff.

##### Billing Demand

The kVA of Billing Demand with respect to the monthly billing period will be the greater of:

1. the highest kVA Metered Demand in the monthly billing period; or
2. the highest kVA Metered Demand in the 12 consecutive months including and ending with the monthly billing period.

The kVA Metered Demand will be measured by either a thermal demand meter having a demand response period of 90% in 15 minutes and a 30 minute test period, or 15 minute interval demand metering equipment.

The kVA of Billing Demand will be re-established on such shorter periods of time as designated by the Electric Light & Power Manager for the individual customer as warranted by that customer's changing load characteristics.

##### Transmission Rate Rider

On a quarterly basis, the EL & P Manager (or designate) will:

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1 3273/B-2001, 3273/A-2002, 3273/B-2003, 3273/A-2005, 3273/A-2006, 3273/B-2006, 3273/E-2006, 3273/A-2007, 3273/A-2008, 3273/A-2009, 3273/B-2009, 3273/B-2010, 3273/D-2010, 3273/A-2011, 3273/B-2011, 3273C-2012, 3273/D-2012, 3273/A-2013, 3273/B-2013, 3273/A-2015, 3273/B-2015, 3273/C-2015, 3273/A-2016, 3273/A-2017, 3273/A-2018, 3273/A-2019, 3273/A-2020, 3273/A-2021, 3273/A-2022

1. Monitor the Alberta Electric System Operator's transmission costs.
2. Establish an appropriate adjustment to account for variances between estimated and actual provincial transmission costs.
3. Notify the General Manager, Community Services of the calculated adjustment.
4. Subject to the General Manager's approval, ensure the adjustment is accurately reflected in the Distribution Tariff.

**RESIDENTIAL - RATE 61**

**Application** Applies to all residential premises which are measured by a single meter and which contain not more than two dwelling units.

<b>Distribution Tariff</b>	Unit	System Access	Distribution Access
Basic Charge	\$ per day	0.5663	0.4620
Variable Charge	\$/kWh of all energy	0.0150	0.0161

**Balancing Pool Allocation** A charge of \$0.00228/kWh of all energy effective from February 1, 2023.

**Transmission Rider** Charge or credit for a charge or refund from the Alberta Electric System Operator for Demand Transmission Services which is not included in the System or Distribution Access charges.

**Local Access Fee** Assessed as 13.00% of each and every component of the Distribution Access and the System Access Charges and is added to the customer's bill.

**Minimum Monthly Charge** Total Basic Charge (System Access plus Distribution Access), plus any applicable Local Access Fee.

**GENERAL SERVICE - RATE 63**

**Application** Applies to non-residential customers and to residential premises not entitled to Rate 61, plus the "house lights" services (including common area lighting and utility rooms) of apartment buildings where the kVA Metered Demand is less than 50 kVA. If the kVA Metered Demand exceeds 50 kVA, Rate 64 will be applied immediately and will continue to be applied irrespective of future kVA Metered Demand. Also applies to unmetered City of Red Deer services and telecommunication installations approved by the EL&P Manager where energy consumption is small and easily predicted. Consumption will be calculated based on equipment nameplate rating and operational patterns.

Services are to be taken at one of the following nominal voltages:

- 120/240 Volts, single phase, 3 wire;
- 120/208Y Volts, network, 3 wire;
- 120/208Y Volts, three phase, 4 wire;
- 347/600Y Volts, three phase, 4 wire.

**Distribution Tariff**

	Unit	System Access	Distribution Access
Basic Charge	\$ per day	0.8139	1.4676
Variable Charge	\$/kWh of all energy	0.0290	0.0140

**Balancing Pool Allocation** A charge of \$0.00228/kWh of all energy effective from February 1, 2023.

**Transmission Rider** Charge or credit for a charge or refund from the Alberta Electric System Operator for Demand Transmission Services which is not included in the System or Distribution Access charges.

**Local Access Fee** Assessed as 13.00% of each and every component of the Distribution Access and the System Access Charges and is added to the customer's bill.

**Minimum Monthly Charge** Total Basic Charge (System Access plus Distribution Charge), plus any applicable Local Access Fee.

**GENERAL SERVICE - RATE 64**

**Application** Applies to commercial and industrial installations where service is taken at the voltage listed for Rate 63 but where the kVA Metered Demand is 50 kVA or greater.

**Distribution  
Tariff**

	Unit	System Access	Distribution Access
Demand Charge	\$/kVA of Billing Demand per day	0.2402	0.1336
Variable Charge	\$/kWh of all energy	0.0135	0.0104

**Balancing  
Pool  
Allocation** A charge of \$0.00228/kWh of all energy effective from February 1, 2023.

**Transmission  
Rider** Charge or credit for a charge or refund from the Alberta Electric System Operator for Demand Transmission Services which is not included in the System or Distribution Access charges.

**Local Access  
Fee** Assessed as 13.00% of each and every component of the Distribution Access and the System Access Charges and is added to the customer's bill.

**Minimum  
Monthly  
Charge** Total Demand Charge (System Access plus Distribution Access), plus any applicable Local Access Fee.

**LARGE GENERAL SERVICE/INDUSTRIAL - RATE 78**

**Application** Applies where 4,160 volts or greater is available with adequate system capacity and service is taken at 4,160 volts or greater, balanced three phase and the kVA Metered Demand is not less than 1000 kVA.

Rate 78 is also applicable to all customers who were billed on Rate 78 prior to December 31, 2000 regardless of the kVA Metered Demand.

**Distribution  
Tariff**

	Unit	System Access	Distribution Access
Demand Charge	\$/kVA of Billing Demand per day	0.2650	0.0991
Variable Charge	\$/kWh of all energy	0.0147	0.0066

**Balancing  
Pool  
Allocation**

A charge of \$0.00228/kWh of all energy effective from February 1, 2023.

**Transmission  
Rider**

Charge or credit for a charge or refund from the Alberta Electric System Operator for Demand Transmission Services which is not included in the System or Distribution Access charges.

**Local Access  
Fee**

Assessed as 13.00% of each and every component of the Distribution Access and the System Access Charges and is added to the customer's bill.

**Minimum  
Monthly  
Charge**

Total Basic Charge (System Access plus Distribution Charge), plus any applicable Local Access Fee.

**STREET LIGHT SERVICE - RATE 81**

**Application** Applies to standard street light fixtures.

<b>Distribution Tariff</b>	Unit	System Access	Distribution Access
Demand Charge	\$/kVA of Billing Demand per day	0.4108	0.2620
Variable Charge	\$/kWh of all energy	0.0171	0.0165

Note: Demand and consumption values of individual fixtures will be established by the Electric Light & Power Manager and will be reviewed by the Electric Light & Power Manager from time to time.

**Balancing Pool Allocation** A charge of \$0.00228/kWh of all energy effective from February 1, 2023.

**Transmission Rider** Charge or credit for a charge or refund from the Alberta Electric System Operator for Demand Transmission Services which is not included in the System or Distribution Access charges.

**Local Access Fee** Assessed as 13.00% of each and every component of the Distribution Access and the System Access Charges and is added to the customer's bill.

**Minimum Monthly Charge** Total Demand Charge (System Access plus Distribution Access), plus any applicable Local Access Fee.

**TRAFFIC LIGHT SERVICE - RATE 82**

**Application** Applies to standard traffic light systems.

**Distribution  
 Tariff**

	Unit	System Access	Distribution Access
Demand Charge	\$/kVA of Billing Demand per day	0.3907	0.2658
Variable Charge	\$/kWh of all energy	0.0163	0.0219

Note: Demand and consumption values of individual fixtures will be established by the Electric Light & Power Manager and will be reviewed by the Electric Light & Power Manager from time to time.

**Balancing  
 Pool  
 Allocation** A charge of \$0.00228/kWh of all energy effective from February 1, 2023.

**Transmission  
 Rider** Charge or credit for a charge or refund from the Alberta Electric System Operator for Demand Transmission Services which is not included in the System or Distribution Access charges.

**Local Access  
 Fee** Assessed as 13.00% of each and every component of the Distribution Access and the System Access Charges and is added to the customer's bill.

**Minimum  
 Monthly  
 Charge** Total Demand Charge (System Access plus Distribution Access), plus any applicable Local Access Fee.



**DISTRIBUTION GENERATION - RATE 83**

**Application** Applies to generators meeting all of the following requirements

- 1. Meets the AESO definition of a Distributed Generator and is connected to distribution voltage.
- 2. Have an installed bi-directional 15-minute interval meter.

Generators not meeting the above requirements are reviewed on an individual basis.

**Distribution Tariff**

	Unit	Distribution Access
Service Fee	\$ per day	15.00
Variable Charge	\$/kWh of supplied energy	0.0080

Note: 1. Site consumption will be charged under the applicable Distribution Rate Schedule.

**Local Access Fee** Assessed as 13.00% of each and every component of the Distribution Access and the System Access Charges and is added to the customer's bill.

**AESO Transmission Charge/Credit** As per the applicable supply tariff (STS) of the Transmission Administrator. This is a flow through charge to the customer by the AESO, if applicable.

**Connection Charge** Customer is responsible for all costs of connection including cost of the meter and meter data provisioning.