

CITY OF RED DEER¹
ELECTRIC LIGHT & POWER DEPARTMENT
DISTRIBUTION TARIFF

GENERAL

Effective Date

This Tariff is effective on March 1, 2017. It applies to all consumptions, whether estimated or actual, on and after March 1, 2017, 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.

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

Transmission Rate Rider

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

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 Director of Development Services of the calculated adjustment.
4. Subject to the Director'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.

Distribution Tariff	Unit	System Access	Distribution Access
Basic Charge	\$ per day	0.5463	0.3874
Variable Charge	\$/kWh of all energy	0.0146	0.0134

Balancing Pool Allocation A charge of \$0.00114/kWh of all energy effective from March 1, 2017.

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 12.93% 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 be continued to be applied irrespective of future kVA Metered Demand.

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	1.8951	1.2440
Variable Charge	\$/kWh of all energy	0.0126	0.0118

Balancing Pool Allocation A charge of \$0.00114/kWh of all energy effective from March 1, 2017.

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 12.93% 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	0.2286	0.1136
Variable Charge	\$/kWh of all energy	0.0129	0.0087

Balancing Pool Allocation A charge of \$0.00114/kWh of all energy effective from March 1, 2017.

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 12.93% 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	0.2593	0.0920
Variable Charge	\$/kWh of all energy	0.0144	0.0062

Balancing Pool Allocation A charge of \$0.00114/kWh of all energy effective from March 1, 2017.

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 12.93% 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.

Distribution Tariff	Unit	System Access	Distribution Access
Demand Charge	\$/kVA of Billing Demand per day	0.3717	0.1882
Variable Charge	\$/kWh of all energy	0.0155	0.0118

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 \$0.00114/kWh of all energy effective from March 1, 2017.

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 12.93% 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	0.3895	0.2178
Variable Charge	\$/kWh of all energy	0.0162	0.0180

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 \$0.00114/kWh of all energy effective from March 1, 2017.

**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 12.93% 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. Have a capacity of 150 kW or greater, and connected to a distribution voltage;
2. Have installed a revenue class bi-directional 15-minute interval meter.

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

Distribution Tariff

	Unit	Distribution Access
Capacity Charge	\$/kW of peak output per day	0.0825
Variable Charge	\$/kWh of supplied energy	0.0057

- Note:
1. Power consumption by the customer for standby purposes is subject to an applicable rate (61, 63, 64, 78, 81 or 82) for load customers
 2. Peak output is measured and calculated in the same manner as the Billing Demand for load customers

Local Access Fee Assessed as 12.93% of each and every component of the Distribution Access and the System Access Charges and is added to the customer’s bill.

Transmission Charge As per the applicable supply tariff of the Transmission Administrator. This is a charge to the customer and is added to the customer’s bill.

Transmission Credit $DTS \times \Sigma(A - B)$ where

DTS is the applicable demand tariff of the Transmission Administrator
A is hourly gross billing determinants at the Point of Delivery to which the customer is connected
B is hourly net billing determinants at the Point of Delivery to which the customer is connected

This is a credit to the customer and is calculated on a monthly basis.

