

BYLAW 6234 – Electric Default Supply Tariff DATE OF CONSOLIDATION: December 27, 2024

Amendment History:

	ene mistory.
Bylaw 6474	Replaces 2021 with 2025 in the third WHEREAS recital, deletes and replaces Section 5.
	,
	Amends Appendix 1 by, replacing every occurrence
	of 2021 with 2025, deletes and replaces every
	occurrence of "Electric Utility Act" with "Electric
	Utilities Act", inserts new definitions "Eligible
	Customer", "Rate of Last Resort" and "Rate of Last
	Resort Regulation", deletes and replaces definition
	for "Unaccounted for Energy (UFE)", deletes all
	footnotes, deletes and replaces every occurrence of
	"Regulated Rate Option" and "RRO" with "Rate of
	Last Resort".
	Amends Schedule "A" by deleting and replacing the
	tables in Part A3 and A6.
	Deletes Schedule "C" in its entirety.
BYLAW 6327	Amended by deleting and replacing text in Rate
	Code 694, 695 and 696;
	Deletes and replaces Schedule A s.A6.

DISCLAIMER:

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Bylaw last revised: December 27, 2024

Effective: January 1, 2025

Bylaw 6474

BYLAW NO. 6234

A CONSOLIDATED BYLAW TO ESTABLISH THE CITY OF LETHBRIDGE ELECTRIC DEFAULT SUPPLIER TARIFF

WHEREAS the City of Lethbridge owns and operates a Municipal Electric Distribution Utility;

AND WHEREAS the City of Lethbridge Municipal Electric Distribution Utility has been designated as a Wire Service Provider pursuant to the ELECTRIC UTILITIES ACT, S.A. 2003, c. E-5.1;

AND WHEREAS it is necessary to establish a 2025 Default Supplier Rate and to identify when the rate applies;

Bylaw 6474 - January 1, 2025

NOW THEREFORE, THE COUNCIL OF THE CITY OF LETHBRIDGE, DULY ASSEMBLED, HEREBY ENACTS AS FOLLOWS:

- 1. Bylaw 6234 the City of Lethbridge Electric Default Supplier Rate Bylaw is established.
- 2. The 2021 Electric Default Supplier Rates are contained in the following Rate Schedules:

Rate Code 694 General Default Supplier Rate Rate Code 695 Dedicated Default Supplier Rate Rate Code 696 Large Dedicated Default Supplier Rate Rate Code 697 Primary Default Supplier Rate

attached to this Bylaw as "Appendix 1 – Electric Default Supplier Rate Schedule".

- 3. A Default Supplier Electric Energy Pricing Plan is established and is attached to this Bylaw as "Schedule A Electric Default Suppler Rate Schedule".
- 4. The Electric Distribution Tariff Rates contained in "Schedule B: Electric Distribution Tariff Rates" are included in the RDS option.

5. DELETED

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- 6. The fees applicable to Default Supply customers are set out in "Schedule D: Fees."
- 7. The Terms and Conditions applicable to Default Supply customers are set forth in Schedule E: Terms and Conditions of Default Supplier.
- 8. Bylaws 5304 and 5369, and any amendments thereto are repealed.
- 9. This Bylaw shall take effect on the 1st day of January, 2021.

SIGNED A FIRST TIME THIS 21st DAY OF SEPTEMBER, 2020.

SIGNED A SECOND TIME THIS 14TH DAY OF DECEMBER, 2020.

SIGNED A THIRD TIME THIS 14TH DAY OF DECEMBER, 2020.

(Sgd.) <u>C.A Spearman</u> MAYOR

(Sgd.) <u>David Sarsfield</u> A/CITY CLERK

Appendix 1



City of Lethbridge **ELECTRIC UTILITY**

Electric Default Supplier Rate Schedule

> City of Lethbridge Bylaw 6234

Effective: January 1, 2025

City of Lethbridge Infrastructure Services Electric Utility

Document

Contact Information:

City of Lethbridge Electric Utility

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Phone: 403.329.7381

Email: <u>electricaccountadmin@lethbridge.ca</u>

Electric version (pdf) of this document available at:

https://www.lethbridge.ca/bylaws

Other related documents available on the City of Lethbridge website:

City of Lethbridge Electric System Bylaw (Current Bylaw)

City of Lethbridge Electric Distribution Tariff Bylaw (Current Bylaw), including:

- Rate Schedule
- Electric Utility Terms and Conditions of Electric Service

Technical Terms and Conditions of Distribution Wire Access

Guideline for Generators

Guideline for Power Quality

City of Lethbridge Electric Rate of Last Resort Bylaw (Current Bylaw)

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Document Author:

City of Lethbridge Electric Utility Regulatory & Rates Infrastructure Services City of Lethbridge

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Electric Default Supplier (DS)

Electric DS Tariff

The current Electric Default Supplier Tariff includes a DS Electric Energy Price Setting Plan, a Default Rate Schedule, Terms and Conditions for Default Supplier and Electric Utility Terms and Conditions of Electric Service.

Electric DS Rate

The current Electric Default Supplier Rate includes: 1) an electric energy component determined through a City of Lethbridge Electric Utility DS Electric Energy Price Setting Plan, and 2) distribution access and transmission access components applied through the current approved Electric Distribution Tariff.

Electric Utility DS Electric Energy Price Setting Plan

The DS Electric Energy Pricing Plan provides for the procurement of electric energy within the framework Regulation 169/2003, the Roles, Relationships and Responsibilities, 2003 regulation enacted under the Electric Utilities Act.

Electric Distribution Tariff

The current Electric Distribution Tariff includes approved Distribution Access Rates, Transmission Access Rates and Electric Utility Terms and Conditions of Electric Service.

Effective Rate Period

Current Electric DS Rates take effect January 1, 2025 and remain in effect until replaced by a new or amended rate approved by the City Council of the City of Lethbridge.

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Rate Application Authority

The City of Lethbridge undertakes to apply an Electric Default Supplier Rate as per Section 105 of Electric Utilities Act of the Province of Alberta (Statutes of Alberta, 2003 Chapter E-5.1) and applicable Regulations.

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Rate Approval Authority

The City of Lethbridge Electric Utility undertakes to apply the current Electric Default Supply under the authority of City of Lethbridge Bylaw 6234.

Terms and Conditions

Electric Default Supplier customers are subject to Terms and Conditions of Default Supplier, Terms and Conditions of Electric Service, Technical Terms and Conditions for Distribution Wire Access, Guidelines for Generators, Guidelines for Power Quality and Distribution Tariff Fee Schedule.

Price Adjustments and Riders

Electric DS adjustments and riders noted herein are provided for information and are not intended to be part of the City of Lethbridge DS Tariff. Adjustments and Riders retain specific approvals, effective periods and terms and conditions.

Definitions

Billing Period The period of time for which rate calculations apply.

Cumulative Meter A metering device that measure system usage by continuously

adding current use to prior use. Current consumption is determined as the difference between a current reading and a

prior reading.

Customer Means the recipient of electric services.

Default Supplier (DS) Means rates and terms and conditions for the provision of electric

services applicable under Alberta Regulation 169/2003 Electric

Utilities Act, Roles Relationships and Responsibilities.

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Demand Meter Means the metering device used to determine Demand.

Distribution Access Means access to the City of Lethbridge Electric Distribution System.

Electric Service Area The area determined under the *Hydro and Electric Energy Act* in

which the City of Lethbridge as owner of an electric distribution

system may distribute electricity.

Eligible Customer Means an eligible customer as defined in the Rate of Last Resort

Regulation.

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Interval Meter Means a meter that measures, at intervals of 60 minutes or less, the

amount of electricity consumed, and satisfies the standards for revenue collection under the *Electricity and Gas Inspection Act*

(Canada) and the Weights and Measures Act (Canada).

kVA Means Kilovolt ampere and is the unit of measure used for

Demand, Contract Maximum, Contract Minimum and Contract

Ratchet.

kWh Means Kilowatt-hour (one kilowatt of power supplied/taken for one

hour) and is the unit of measure used for System Usage.

LEU Means the Lethbridge Electric Utility owned and operated by the

City of Lethbridge and includes it directors, officers and

employees.

Losses Means allocated distribution losses.

Rate of Last ResortMeans the Rate of Last Resort as defined in the Rate of Last Resort

Regulation.

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Rate of Last Resort

Regulation)

Means Alberta Regulation 262-2005 Rate of Last Resort

Regulation, as amended of replaced from time to time

DELETED

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Secondary Voltage Means the output of a load-supply City of Lethbridge Electric

Distribution Transformer.

Service Connection Means the point of connection to the City of Lethbridge Electric

Distribution System.

Single-Phase Connection Means a 3-wire connection point.

Three-Phase Connection Means a 4-wire connection point.

Transmission Access Means access to the Alberta Interconnected Electric System.

Unaccounted for Energy (UFE) Means the difference between the distribution system total load for a settlement interval and the sum of the allocated loads at the customer meters, plus their allocated losses, for the settlement

interval.

Electric Default Supplier Rates

Rate Code DS Description

- 694 **General Default Supplier Rate** for service metered through a single demand meter.
 - Customer NOT eligible as Rate Classification or Other Customer as defined under Rate of Last Resort Regulation
 - Customer that is unable to obtain or continue with electricity services.
 - Annual consumption of greater than 250 megawatt hours
 - Demand less than 150 kVA
 - Includes Electric General Distribution Rate 994
- 695 **Dedicated Default Supplier Rate** for service through a dedicated three-phase connection at secondary voltage metered through a single demand meter.
 - Customer NOT eligible as Rate Classification or Other Customer as defined under Rate of Last Resort Regulation
 - Customer that is unable to obtain or continue with electricity services.
 - Annual consumption of greater than 250 megawatt hours
 - Demand of 150 kVA or greater and less than 300 kVA
 - Includes Electric Dedicated Distribution Rate 995
- 696 **Large Dedicated Default Supplier Rate** for service through a dedicated three-phase connection at secondary voltage metered through a single interval meter.
 - Customer NOT eligible as Rate Classification or Other Customer as defined under Rate of Last Resort Regulation
 - Customer that is unable to obtain or continue with electricity services.
 - Annual consumption of greater than 250 megawatt hours
 - Demand of 300 kVA or greater
 - Includes Electric Large Dedicated Distribution Rate 996
- 697 **Primary Default Supplier Rate** for service through a dedicated three-phase connection at primary voltage metered through a single interval meter.
 - Customer NOT eligible as Rate Classification or Other Customer as defined under Rate of Last Resort Regulation
 - Customer that is unable to obtain or continue with retail electricity services.
 - Annual consumption of greater than 250 megawatt hours
 - Demand of less than 15 MVA
 Includes Electric Primary Distribution Rate 997

Rate Code 694: General Default Supplier Rate

Service

For the provision of electricity services in accordance with the Electric Utilities Act, Roles, Relationships and Responsibilities Regulation AR 169/2003

For service connected within the City of Lethbridge electric service area

For non-eligible Rate Classification Customer or Other Customer as defined under Rate of Last Resort Regulation

For a customer that is unable to purchase retail electricity services for any reason

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For service metered through a single demand meter For service with demand less than 150 kVA

For service with annual consumption greater than 250 megawatt hours

Charges

a) Electric Energy Rate per Schedule A: DS Electric Energy Price Plan

b) Administration Fee per Schedule D: Fees

c) Distribution Access Rate per Schedule B: Electric Distribution Rate
 d) Transmission Access Rate per Schedule B: Electric Distribution Rate
 e) Local Access Fee per Schedule B: Electric Distribution Rate

Application

The billing period is monthly

The City of Lethbridge Terms and Conditions of Electric Service, contained in the City of Lethbridge Electric Distribution Tariff Bylaw, apply to this rate

Terms and Conditions of Default Supplier apply to this rate

Rate Code 695: Dedicated Default Supplier Rate

Service

For the provision of electricity services in accordance with the Electric Utilities Act: Roles, Relationships and Responsibilities Regulation AR 169/2003

For service connected within the City of Lethbridge electric service area

For non-eligible Rate Classification Customer or Other Customer as defined under Rate of Last Resort Regulation

For a customer that is unable to purchase retail electricity services for any reason

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For service metered through a single demand meter

For service with demand of 150 kVA or greater and less than 300 kVA

For service with annual consumption greater than 250 megawatt hours

Charges

a) Electric Energy Rate per Schedule A: DS Electric Energy Price Plan

b) Administration Fee per Schedule D: Fees

c) Distribution Access Rate per Schedule B: Electric Distribution Rate
 d) Transmission Access Rate per Schedule B: Electric Distribution Rate
 e) Local Access Fee per Schedule B: Electric Distribution Rate

Application

The billing period is monthly

The City of Lethbridge Terms and Conditions of Electric Service, contained in the City of Lethbridge Electric Distribution Tariff Bylaw, apply to this rate

Terms and Conditions of Default Supplier apply to this rate

Rate Code 696: Large Dedicated Default Supplier Rate

Service

For the provision of electricity services in accordance with the Electric Utilities Act, Roles, Relationships and Responsibilities Regulation AR 169/2003

For service connected within the City of Lethbridge electric service area

For non-eligible Rate Classification Customer or Other Customer as defined under Rate of Last Resort Regulation

For a customer that is unable to purchase retail electricity services for any reason

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For service metered through a single interval meter

For service with demand of greater than 300 kVA

For service with annual consumption greater than 250 megawatt hours

Charges

a) Electric Energy Rate per Schedule A: DS Electric Energy Price Plan

b) Administration Fee per Schedule D: Fees

c) Distribution Access Rate per Schedule B: Electric Distribution Rate
 d) Transmission Access Rate per Schedule B: Electric Distribution Rate
 e) Local Access Fee per Schedule B: Electric Distribution Rate

Application

The billing period is monthly

The City of Lethbridge Terms and Conditions of Electric Service, contained in the City of Lethbridge Electric Distribution Tariff Bylaw, apply to this rate

Terms and Conditions of Default Supplier apply to this rate

Rate Code 697: Primary Default Supplier Rate

Service

For the provision of electricity services in accordance with the Electric Utilities Act: Roles, Relationships and Responsibilities Regulation AR 169/2003

For service connected within the City of Lethbridge electric service area

For non-eligible Rate Classification Customer or Other Customer as defined under Rate of Last Resort Regulation

For a customer that is unable to continue to purchase retail electricity services from the customer's retailer for any reason; or

For a customer that is unable to obtain retail electricity services for any reason

For service metered through a single interval meter

For service with demand of less than 15 MVA

For service with annual consumption greater than 250 megawatt hours

Charges

a) Electric Energy Rate per Schedule A: DS Electric Energy Price Plan

b) Administration Fee per Schedule D: Fees

c) Distribution Access Rate per Schedule B: Electric Distribution Rate
 d) Transmission Access Rate per Schedule B: Electric Distribution Rate
 e) Local Access Fee per Schedule B: Electric Distribution Rate

Application

The billing period is monthly

The City of Lethbridge Terms and Conditions of Electric Service, contained in the City of Lethbridge Electric Distribution Tariff Bylaw, apply to this rate

Terms and Conditions of Default Supplier apply to this rate

Schedule Amended: December 27, 2024

Effective Date: January 1, 2025

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Schedule A: Default Supplier Electric Energy Pricing Plan

The City of Lethbridge Electric Utility Default Supplier Electric Energy Charge provides for the pricing of the electric energy component of the City of Lethbridge DS Rate within the context of the Roles, Relationships and Responsibilities Regulation AR 169/2003.

A1. Default Supplier Energy Charge Formula:

The Default Supplier energy charge is determined as follows:

$$DS(\$) = \sum_{h=1}^{hrb} (DSE_h * MC_h)$$

h = hour

hrb = number of hours in the billing period

 $DS_{(\$)}$ = Default Supplier Energy Charge in \$ for the billing period

 DSE_h = is the Default Supplier Energy Price in \$/kWh (for hour

h) MC_h = is the metered consumption (kW consumed) in hour

h.

A2. Default Supplier Energy Price Formula

The Default Supplier energy price is determined based on the following formula:

$$DSE_h = (PPP_h + DSL_h + UFE_h + DSM_h + ROC_h)$$

h = hour

 DSE_h = Default Supplier Energy Price in \$/kWh (for hour h)

 PPP_h = is the actual Alberta Power Pool price in \$/kWh (for hour h)

 DSL_h = is the System Losses in \$/kWh (for hour h)

UFE_h = is the Unaccounted for Energy in $\frac{1}{2}$

 DSM_h = is the Default Supplier Rate Risk Margin in \$/kWh (for hour h)

 ROC_h = is Other Costs for providing the Default Supplier Rate in \$/kWh (for hour h)

A3. Default Supplier Energy Price

The DS energy price based on the formula in A2 is:

Period	Energy (PPP)	System Losses (DSL)	Unaccounted For Energy (UFE)	Risk Margin (DSM)	Other Costs (ROC)
		Plan A4	Plan A4	Plan A5	Plan A6
Current Month	Power Pool Price in each hour	2.5%	+/-2.0%	Pricing Plan (A5)	Pricing Plan (A6)

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A4. System Losses and Unaccounted for Energy

System Losses and Unaccounted for Energy (UFE) are determined by the designated Load Settlement Agent. Losses represent energy that is lost through the process of transmitting and distributing electricity. UFE is the hourly difference between the distribution system total load, including allocated losses, and the sum of the allocated load over all customer meters.

System Losses and UFE are applied as a percentage of the Default Supplier Rate electric energy for the period.

A5. Default Supplier Energy Risk Margin

The City of Lethbridge Electric Utility Risk Margin Plan provides for the recovery of a margin on the purchase and sale of the electric energy component of the DS.

The risk margin represents the material risk that the charges from providing Default Supplier energy will not be sufficient to cover the City of Lethbridge's actual costs of Power Pool purchases and other costs.

Rate of Last Resort Risk Margin is established based on the following formula:

$$DSM_h = (DVR_h + DPR_h + DCR_h)$$

h = hour

 DSM_h = is the Default Supplier Risk Margin in \$/kWh (for hour h) DVR_h = is the Default Supplier Energy volume risk margin in \$/kWh (for hour h) DPR_h = is the Default Supplier Energy price risk margin in \$/kWh (for hour h) DCR_h = is the Default Supplier Energy credit risk margin in \$/kWh (for hour h)

A6. Other Costs

Other costs to the City of Lethbridge for providing the Rate of Last Resort include the Power Pool trading fee, direct administrative, and external costs. Other costs are updated on an annual basis as required with formal notification to Council.

Other Cost	Description
AESO Energy Market Trading Charge	The AESO recovers the costs of operating the real-time energy market through an energy market trading charge on all electricity traded.
	In addition to the recovery of the AESO's operating costs, the energy market trading charge also includes charges from the Alberta Utilities Commission (AUC) and the Market Surveillance Administrator (MSA).
	The amount is set on a yearly basis by AESO and posted on their website.
	• DELETED
Administrative and External Costs	The City of Lethbridge recovers the costs of managing the Regulated Default Supplier Rate Option.

	 The amount is set after year-end financial statements have been finalized by Finance department DELETED
PILOT (Payment in Lieu of Tax)	This is the amount that the municipal entity would be required to pay as tax for that year pursuant to: a) Parts I and I.3 of the Income Tax Act (Canada) and b) the Alberta Corporate Tax Act.
	Per Regulation AR 112/2003, as amended or replaced from time to time
	Payment is made to the Balancing Pool for the year.
	The amount is set after year-end financial statements have been finalized by Finance department.
	• DELETED
Total Other Costs	Other costs are the total of the above listed costs
	These costs are calculated on a per kWh basis for pricing of the monthly Regulated Default Supplier Rate Option.
	• DELETED

Schedule B: Electric Distribution Tariff Rates

The City of Lethbridge RDS Rate includes currently approved Distribution Rates (Distribution Tariff) and applicable City of Lethbridge Local Access Fees as follows:

Rate Code	Rate	Electric Distribution Access Rate	Electric Transmission Access Rate	DT Rate Fee ⁶
694	General Default Supplier Rate	Rate 994	Rate 994	Riders A, B, and C per Current Distributio n Tariff
695	Dedicated Default Supplier Rate	Rate 995	Rate 995	Riders A, B, and C per Current Distributio n Tariff
696	Large Dedicated Default Supplier Rate	Rate 996	Rate 996	Riders A, B, and C per Current Distributio n Tariff
697	Primary Default Supplier Rate	Rate 997	Rate 997	Riders A, B, and C per Current Distributio n Tariff

⁶ Distribution Tariff Rate Rider A: Local Access Fee (LAF) also referred to as a Municipal Consent and Access Fee (MCAF). Distribution Tariff Rate Rider B: Balancing Pool Consumer Allocation Rider. Distribution Tariff Rate Rider C: Transmission Deferral Rider.

Schedule C: RATE OF LAST RESORT Regulation

DELETED

Schedule D: Fees

The City of Lethbridge Electric Utility DS customers are subject to fees as per the current City of Lethbridge Electric Utility Bylaw including Schedule D, and the City of Lethbridge Electric Distribution Tariff Bylaw.

Schedule E: Terms & Conditions of Default Supplier

As per the City of Lethbridge Terms and Conditions of Electric Service contained in the City of Lethbridge Electric Distribution Tariff Bylaw.