# BYLAW NO. 5369

#### A BYLAW TO ESTABLISH THE CITY OF LETHBRIGE 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 UTLITY ACT, S.A. 2003;

AND WHEREAS it is necessary to establish a 2006 Default Supplier Rate and to identify when the rate applies;

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

1. Bylaw 5369 the City of Lethbridge Electric Default Supplier Rate Bylaw is hereby established.

2. The 2006 Electric Default Supplier Rates are as set forth in following Rate Schedules:

Rate Code 692 Standard Default Supplier Rate 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

- 3. The Terms and Conditions are set forth in the Terms and Conditions of Default Supplier attached as Schedule "F" hereto.
- 4. There is hereby established a Default Supplier Electric Energy Pricing Plan attached as Schedule "A" hereto.
- 5. This Bylaw shall take effect on the  $1^{st}$  day of January, 2006.

READ A FIRST TIME this \_\_\_\_\_\_ day of \_\_\_\_\_\_ , A.D. 2005

READ A SECOND TIME this \_\_\_\_\_ day of \_\_\_\_\_ , A.D. 2005

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# City of Lethbridge **ELECTRIC UTLITY**

# Electric Default Supplier Rate Schedule

City of Lethbridge Bylaw 5369

Effective: January 1, 2006

City of Lethbridge Infrastructure Services Electric Utility

## Document

#### Copies of this document available at:

City of Lethbridge City Hall Infrastructure Services 4<sup>th</sup> Floor, 910 – 4<sup>th</sup> Avenue South Lethbridge, Alberta

#### Electric version (pdf) of this document available at:

http://www.lethbridge.ca/electric

#### Other related documents:

City of Lethbridge Electric System Regulation (2006 Bylaw 5351) Electric Distribution Tariff Rate Schedule (2006 Bylaw 5353) Electric Utility Terms and Conditions of Electric Service (2006 Bylaw 5353) Technical Terms and Conditions of Distribution Wire Access Guideline for Generators Guideline for Power Quality Distribution Tariff Fee Schedule Electric Regulated Rate Option Tariff (2006 Bylaw 5368)

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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 of Alberta Regulation 169/2003 Electric Utility Act, Roles Relationships and Responsibilities.

## **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, 2006 (midnight December 31, 2005) and remain in effect until replaced by a new or amended rate approved by the City Council of the City of Lethbridge.

## Rate Application Authority

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

## Rate Approval Authority

The City of Lethbridge Electric Utility undertakes to apply the current Electric DS under the authority of City of Lethbridge Bylaw 5369.

## **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 Utility Act, Roles Relationships and Responsibilities. **Demand Meter** Means the metering device used to determine Demand. Means access to the City of Lethbridge Electric Distribution System. **Distribution Access 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. **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. Means allocated distribution losses. Losses **Regulated Rate Option** Means the Tariff an owner of an electric distribution system must prepare (RRO) for the purpose of recovering prudent costs for providing electric energy services to eligible customers that are not enrolled with a retailer. Means the output of a load-supply City of Lethbridge Electric Distribution Secondary Voltage 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** Means the difference between distribution system total load for an hour and the sum of allocated hourly loads at the customer meters. (UFE)

# Electric Default Supplier Rates

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Rate Code	DS Description			
692	Standard Default Supplier Rate - for service metered through a single cumulative meter.			
	<ul> <li>Customer NOT eligible as Rate Classification or Other Customer as defined under RRO Regulation<sup>1</sup></li> <li>Customer that is unable to obtain or continue with retail electricity services.</li> <li>Annual consumption of greater than 250 megawatt hours</li> <li>Demand of 5 kVA or less</li> <li>Includes Electric Standard Distribution Rate 991</li> </ul>			
694	General Default Supplier Rate – for service metered through a single demand meter.			
	<ul> <li>Customer NOT eligible as Rate Classification or Other Customer as defined under RRO Regulation<sup>1</sup></li> <li>Customer that is unable to obtain or continue with retail electricity services.</li> <li>Annual consumption of greater than 250 megawatt hours</li> <li>Demand greater than 5 kVA and less than 150 kVA</li> <li>Includes Electric General Distribution Rate 994</li> </ul>			
695	<b>Dedicated Default Supplier Rate</b> – for service through a dedicated three-phase connection at secondary voltage metered through a single demand meter.			
	<ul> <li>Customer NOT eligible as Rate Classification or Other Customer as defined under RRO Regulation<sup>1</sup></li> <li>Customer that is unable to obtain or continue with retail electricity services.</li> <li>Annual consumption of greater than 250 megawatt hours</li> <li>Demand of 150 kVA or greater and less than 300 kVA</li> <li>Includes Electric Dedicated Distribution Rate 995</li> </ul>			
696	<b>Large Dedicated Default Supplier Rate</b> – for service through a dedicated three-phase connection at secondary voltage metered through a single interval meter.			
	<ul> <li>Customer NOT eligible as Rate Classification or Other Customer as defined under RRO Regulation<sup>1</sup></li> <li>Customer that is unable to obtain or continue with retail electricity services.</li> <li>Annual consumption of greater than 250 megawatt hours</li> <li>Demand of 300 kVA or greater and typically less than 2 MVA</li> <li>Includes Electric Large Dedicated Distribution Rate 996</li> </ul>			
697	<b>Primary Default Supplier Rate</b> – for service through a dedicated three-phase connection at primary voltage metered through a single interval meter.			
	<ul> <li>Customer NOT eligible as Rate Classification or Other Customer as defined under RRO Regulation<sup>1</sup></li> <li>Customer that is unable to obtain or continue with retail electricity services.</li> <li>Annual consumption of greater than 250 megawatt hours</li> <li>Demand of 2 MVA or greater and less than 5 MVA</li> <li>Includes Electric Primary Distribution Rate 997</li> </ul>			

#### Rate Code 692: Standard Default Supplier Rate

#### Service

For the provision of electricity services in accordance with the Electric Utility 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 RRO Regulation<sup>1</sup>

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 cumulative meter

For service with demand of 5 kVA or less

For service with annual consumption greater than 250 megawatt hours

#### Charges

- a) Electric Energy Rateper Schedule A: DS Electric Energy Price Planb) Administration Feeper 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

<sup>&</sup>lt;sup>1</sup> Current RRO Regulations as noted in Schedule C.

#### Rate Code 694: General Default Supplier Rate

#### Service

For the provision of electricity services in accordance with the Electric Utility 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 RRO Regulation<sup>2</sup>

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 demand meter

For service with demand greater than 5 kVA and 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

<sup>&</sup>lt;sup>2</sup> Current RRO Regulations as noted in Schedule C.

#### Rate Code 695: Dedicated Default Supplier Rate

#### Service

For the provision of electricity services in accordance with the Electric Utility 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 RRO Regulation<sup>3</sup>

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 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

<sup>&</sup>lt;sup>3</sup> Current RRO Regulations as noted in Schedule C.

#### Rate Code 696: Large Dedicated Default Supplier Rate

#### Service

For the provision of electricity services in accordance with the Electric Utility 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 RRO Regulation<sup>4</sup>

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 300 kVA or greater and less than 2 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 apply to this rate

Terms and Conditions of Default Supplier apply to this rate

<sup>&</sup>lt;sup>4</sup> Current RRO Regulations as noted in Schedule C.

#### Rate Code 697: Primary Default Supplier Rate

#### Service

For the provision of electricity services in accordance with the Electric Utility 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 RRO Regulation<sup>3</sup>

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 2 MVA kVA or greater and less than 5 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

<sup>&</sup>lt;sup>5</sup> Current RRO Regulations as noted in Schedule C.

# Schedule A: Default Supplier Electric Energy Price Setting Plan

The City of Lethbridge Electric Utility Default Supplier (DS) Electric Energy Pricing Plan provides the means to price the electric energy component of the City of Lethbridge DS Rate within the context of Roles, Relationships and Responsibilities Regulation AR 169/2003.

The DS Energy Price Setting Plan is applicable from November 1, 2009 until replaced or amended by Lethbridge City Council.

The DS Energy Price Setting Plan provides for setting a monthly price prior to the first day of the pricing month.

## A1. Default Supplier Energy Pricing

DS energy for the pricing month is determined as follows:

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Price Base	RRO Price Base
DS Risk Margin:	Adjusted Monthly
System Losses	3.75%
Unaccounted For Energy (UFE)	2.00%
Other Costs	.05%

## A2. DS 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 DS energy load.

The risk margin represents the material risk that the amount of energy purchased under the procurement plan as well as other fixed costs will not be sufficient to cover the City of Lethbridge's actual costs of providing the Default Rate.

The Default Risk Margin is determined based on energy volume risk, energy price risk and credit risk.

The Risk Margin is adjusted monthly as required to cover the City of Lethbridge's actual costs of providing the Default Rate for that month. All adjustments to the Risk Margin are communicated to Council prior to the rate being posted.

- Volume and Price Risk representing the material risk that the amount of energy purchased will not match the actual monthly DS energy load or that the forecast price will not match actual Pool Price for that month. The Volume and Price Risk margin is applied to the pricing components determined through a month ahead forecast.
- System Losses represents the cost of energy that is lost through the process of transmitting and

distributing electricity.

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- Unaccounted For Energy (UFE) represents the cost of energy being the difference between total allocated DS distribution system load including attributed losses and the sum of the load for all metered DS consumers.
- *Other Costs* represents the cost to the City of Lethbridge for administering DS energy including Power Pool trading fees and direct administrative and external costs.
  - o A margin of 0.05% is added to all pricing components for other pricing and purchasing costs

## A3. Energy Price Posting

The City of Lethbridge Electric Utility will post the DS price for the pricing period on website <u>www.lethbridge.ca/electric</u> prior to the beginning of the pricing month.

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# Schedule B: Electric Distribution Tariff Rates

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The City of Lethbridge RRO Rate includes currently approved Distribution Rates and applicable City of Lethbridge Local Access Fees as follows:

Rate Code	Rate	Electric Distribution Access Rate	Electric Transmission Access Rate	Local Access Fee <sup>6</sup>
692	Standard Default Supplier Rate	Rate 991	Rate 991	Rider A per Current Distribution Tariff
694	General Default Supplier Rate	Rate 994	Rate 994	Rider A per Current Distribution Tariff
695	Dedicated Default Supplier Rate	Rate 995	Rate 995	Rider A per Current Distribution Tariff
696	Large Dedicated Default Supplier Rate	Rate 996	Rate 996	Rider A per Current Distribution Tariff
697	Primary Default Supplier Rate	Rate 997	Rate 997	Rider A per Current Distribution Tariff

<sup>&</sup>lt;sup>6</sup> Local Access Fee (LAF) as per Rider A of Current Distribution Tariff applicable to Distribution Access and Transmission Access charges only.

# Schedule C: RRO Regulation

The City of Lethbridge undertakes to apply an Electric Regulated Rate Option as per Section 103 of Electric Utility Act of the Province of Alberta (Statutes of Alberta, 2003 Chapter E-5.1) and applicable Regulations.

ELECTRIC UTLITY ACT, Alberta Regulation 168/2003 REGULATED DEFAULT SUPPLY REGULATION

Subsequent additions, amendments or replacement of Alberta Regulation 168/2003

Access to current RRO Regulations will be available through the City of Lethbridge website (http://www.lethbridge.ca/electric).

# Schedule D: Fees

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The City of Lethbridge Electric Utility DS includes the following Schedule of fees:

Reference	Fee	Note
Application	No fee for application under the Default Supplier Tariff	All City of Lethbridge Utility customers are subject to fees as per City of Lethbridge Bylaw 5351 Schedule A
Administration	No administration fee applicable under the Default Supplier Tariff	All City of Lethbridge Utility customers are subject to fees as per City of Lethbridge Bylaw 5351 Schedule A
Deposit	No deposit applicable under the Default Supplier Tariff	All City of Lethbridge Utility customers subject to fees as per City of Lethbridge Bylaw 5351 Schedule A
Late Payment	Late Payment Fee applies	Late Payment Fee as per Schedule A of City of Lethbridge Bylaw 5351
Tariff Entry	No fee to enter into the Default Supplier Tariff	
Tariff Exit	No fee to exit the Default Supplier Tariff	

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# Schedule F: Terms & Conditions of Default Supplier

In addition to Electric Utility Terms and Conditions of Electric Services the following Terms and Conditions also apply.

## **ARTICLE 1 – GENERAL PROVISIONS**

## 1.1 Services

LEU provides retail electricity services to customers pursuant to Part 1 of the Roles, Relationships and Responsibilities Regulation, A.R. 169/2003, as amended from time to time.

LEU may assign any or all of its obligations to provide Electricity Services under Alberta Regulation. Assignment of obligations does not relieve LEU of its responsibility for these obligations.

Identification of LEU in these Terms and Conditions means Lethbridge Electric Utility and any Agent assigned to provide service.

## 1.2 Tariff

The Terms and Conditions, as approved by LEU form part of the LEU Default Supplier Tariff and are established pursuant to Part 1 of the Roles, Relationships and Responsibilities Regulation, A.R. 169/2003, as amended from time to time. The LEU Default Supplier Tariff is available upon request to the LEU and is available on the City of Lethbridge website.

## **1.3 Amendment of Terms and Conditions**

LEU may amend these Terms and Conditions and the Rate Schedule as business conditions warrant. Amendments will take effect after fifteen (15) days notice has been posted, unless otherwise indicated.

## **1.4 Acceptance of Terms and Conditions**

Customers receiving electricity services from the LEU as Default Supplier, are considered Distribution Customers and are subject to the Terms and Conditions of Electric Service and all related bylaws, fee schedules and other related terms and conditions. The acceptance of Electric Energy from the LEU as a Default Supplier constitutes acceptance by the customers of the Terms and Conditions.