



Utility Distributions System

Commercial / Multi-Family Electric Service Application

General Information

Date of Application: _____ Date Service Required By: _____

Property Location: _____

To obtain address information for your service area, contact one of the following:

- City of Medicine Hat Planning & Development: (403) 529-8374
- Town of Redcliff: (403) 548-3618
- Cypress County Office, Dunmore: (403) 526-2888

Legal Description: Lot _____ Block _____ Plan # _____

Area: Medicine Hat Redcliff Cypress County / Dunmore

Rural: NE NW SE SW

Section _____ Township _____ Range _____

Applicant Information:

Company: _____ Contact Name: _____

Address: _____

Street Address

City

Province

Postal Code

Phone: _____ Email: _____

Invoice Billing Information (if different from applicant information):

Company: _____ Contact Name: _____

Address: _____

Street Address

City

Province

Postal Code

Phone: _____ Email: _____

Electrical Contractor / Consultant Information:

Company: _____ Contact Name: _____

Address: _____

Street Address

City

Province

Postal Code

Phone: _____ Email: _____

Prior to electric meter activation, the property owner must sign on for utility billing at:

Medicine Hat City Hall
580-1st Street SE

Utility Service Details

Metering Information

Meter Type:	Quantity
<input type="checkbox"/> Unmetered	_____
<input type="checkbox"/> Secondary Metering (600 V or less)	_____
<input type="checkbox"/> Primary Metering (8000/13000 V)	_____

Meter Location:

Indoor

Meter Location Comments: _____

Meter Change:

- Relocate existing meter(s)
- Add meter(s)
- Remove meter(s)

Service Type Requested:

- Overhead
- Underground

Service Change

- Relocate overhead service to underground
- Reroute underground service
- Change supply service size
 - _____ Existing Size
 - _____ Requested Size

Voltage:

- 120/240
- 120/208
- 277/480
- 347/600
- Primary (13800)
- Other: _____

Customer Service Details

Existing Main Disconnect:

Size: _____ A

Breaker Fuse

Proposed Main Disconnect:

80% rated 100% rated

Size: _____ A

Breaker Fuse

Asymmetrical Interrupting Capacity

_____ in 1000's of amps

Conductor Size:

_____ AWG/MCM Stranding: _____ Cu Al

Conductor Type:

Diameter: _____ mm/inch

Conductor Quantity:

_____ /Phase

Note: Max conductor size for copper is 500 MCM. Aluminum is 750 MCM. Max parallel sets of conductors to utility equipment is 8.

Secondary Installation Method:

- Conduit Conduit type: _____
- Conduit size: _____
- Number of Conduits: _____
- Direct Buried

Current Transformer Location (if greater than 200 amp meter):

- CT Cabinet
- CDP
- Switchgear

Current Transformer Connection:

- Cable
- Bar

Conductor Size to and from Current Transformers

_____ AWG/MCM (Max 2 - 500 MCM Cu./Phase)

_____ Number of Cables per Phase

Peak demand: _____ kVA

Operating demand: _____ kVA

Customer Generation:

- Yes Size: _____ KVA
- No

Load Details:

	Connected Load (kVA)	Hours of Use	Estimated Demand (kVA)
Interior Lighting			
Exterior Lighting			
Mechanical Equipment			
HVAC (exclude air conditioning)			
Air Conditioning			
Shop Equipment			
Elevator			
Welders			
Car Plugs			
EV Charging Stations			
Miscellaneous			
Total			

Motor Details – 50hp and larger (attach list if applicable)

Type (induction, synchronous)	Size (nameplate hp)	Voltage	Starting (VFD, soft start)	Use / Comments

Final Checklist:

- There is a non-refundable application fee of \$500. By checking this box you consent to the City of Medicine Hat invoicing your account.
- Site Plan

Requirements:

1. Site Plan Showing:
 - Lot lines and building corners relative to the property corners
 - Location of main disconnect in building
 - Location of doors and windows on all exterior walls
 - Landscaping in vicinity of building
2. If the proposed dwelling is a multi-suite complex with individual metering, then numbering and addressing of the suites is required.

- Single Line Diagram

If Primary Metered, we will require Relay Settings and a Short Circuit Study for Review.

Please return this completed form to:
 City of Medicine Hat – Utility Distribution Systems
 2172 Brier Park Place NW
 Medicine Hat, AB T1C 1S6
 Attention: Engineering Office
 Phone: (403) 529-8122
 Email: elecomm@medicinehat.ca

Multiple-dwelling residential installations & commercial/industrial service installations:

Multiple-dwelling residential and commercial/industrial applications will receive a cost estimate once the application has been processed. To proceed with work, a deposit will be required prior to construction.

The Applicant or their Representative will be responsible for notifying their electric contractor or other contractors of UDS construction plans as outlined in the correspondence.

Metering Information:

1. Unmetered service requests are typically for services with a demand of less than 30 amps at 120V. This service type is at the discretion of the Utility.
2. There will be a charge for any meters installed after the date of service connection.
3. Transformer rated metering shall be used on all services exceeding 200 Amps per phase.
4. Minimum instrument transformer cabinet size to be 1219 mm x 1219 mm x 305 mm if 500 MCM cable is entering enclosure. Otherwise, the cabinet can be 915 mm x 915 mm x 305 mm.
5. For services larger than 800 amps, buss bar conductors must be used.