



Electric and Gas Subdivision Development Application

Requirements

There is a \$100/lot application fee to apply for electric and gas servicing in a subdivision development. The application fee goes toward the initial project evaluation in order to provide the developer a conceptual design and high-level budget estimate based on the funding model described below. Please complete the following information to start the electrical and gas detailed subdivision servicing design and return with a cheque for the fees to:

City of Medicine Hat
 Utility Distribution Systems
 2172 Brier Park Place NW
 Medicine Hat, AB T1C 1S6
 Email: eleccom@medicinehat.ca

Applicant Information

Company			
Contact Name		Phone:	
Mailing Address		City, Province	
Email Address		Postal Code	

Preliminary Design Criteria

AutoCad (.dwg format) drawings of the development that include at a minimum:

- Tentative plan showing Subdivision (Lot layout)
- Proposed locations of water, sewer and storm utilities
- Driveway locations

The following electric design assumptions are applied to developments:

- Residential lots up to 450m² have a maximum panel size of 100 amps
- Residential lots over 450m² have a maximum panel size of 200 amps

Developers can request alternate residential sizing by completing the table below

Size	Lot numbers
100 amp	
200 amp	

Funding Model

For developments greater than two contiguous lots the utility will invest a portion of capital toward the development of gas and electric infrastructure. The utility investment will be no greater than the net present value of the revenue expected to be collected in the first 10 years of distribution service discounted at a rate equal to utility's weighted average costs of capital (WACC). Revenue is defined as the revenue per customer as determined by the approved Gas Utility Bylaw and Electric Utility Bylaw rates for the corresponding rate classifications.

Costs related to offsite system upgrades or system relocation for the exclusive benefit of the applicant that may be required for a development will be fully funded by the applicant.

Costs associated with Streetlights will be fully funded by the applicant.

Next Steps

1. Preliminary package:

The Utility will complete a preliminary design and a budget estimate indicating the estimated level of utility investment and customer investment. If the customer chooses to proceed with the work after receiving the estimate the application fee and associated preliminary design are incorporated into the final work package and related charges. Depending on the complexity of the project scope this process can take approximately 8 weeks after the utility receives the complete preliminary design criteria from the developer.

2. Detailed design and Installation Agreement:

After the applicant approves the preliminary package, the utility will prepare an Installation agreement that includes detailed design. At this stage the customer is required to provide additional design information. One critical item the developer must provide for developments that require street light installation is a lighting design approved by the road authority. The lighting design is used by the utility to design the streetlight wiring design, which is part of the installation agreement. The installation agreement is presented to the applicant for their approval of the utility infrastructure alignments, confirmation of construction conditions, final amount for the utility investment and the estimated customer investment. If the development scope of work is only for extension of infrastructure the installation agreement process takes approximately 8 weeks after the utility receives the complete detailed design information from the developer. Developments that require system upgrades or relocation in addition to system extension will take longer.

3. Construction:

After approval of the work package the utility will proceed to construction in coordination with the developers schedule and utility crew availability.

4. Billing:

The utility will bill the applicant for any costs related to the work over the utility investment portion and initial application fee after completion of the project.

Applicant Signature: _____ Date: _____

For UDS use only – once complete emailed back to Applicant & cc'd City Planning

Signature Receipt of Application		Date:	
Cheque deposited		WO#:	
Application #		Planning DP#	