Murray City Building Department Electrical Permit

Any change to the service in the Murray Power service area must have Murray Power approval.

Requests for electrical services inside Murray City Power service area, please complete and upload the attached form when submitting your on-line building permit application*

Existing service:
- ☐ 60 Amp
- ☐ 100 Amp
- ☐ 125 Amp
- ☐ 150 Amp
- ☐ 200 Amp

Upgrade service to:
- ☐ 100 Amp
- ☐ 125 Amp
- ☐ 150 Amp
- ☐ 200 Amp

Anything over 200 Amps will require approval from Murray City Planning & Zoning

Relocating the Service? ☐ Yes ☐ No If Yes, please attach a site map of the relocation

Replacing any sub-panels? ☐ Yes ☐ No

Grounding method to be used: _____

If in Rocky Mountain Power RMP Work Order #: _____

Reason for Upgrade / scope of work:

List any new equipment being added:

Working Clearance is Required to follow NEC 2020 110.26 for all electrical equipment

New service upgrades: **Grounds and neutrals in existing house panels need to be separated when an equipment grounding conductor has been added if there is only a 3-wire system. This will require a separate neutral and equipment grounding conductor buss and at least one new conductor to the new disconnect. 2020 NEC 250.24 the goal is to avoid parallel paths for ground or neutral faults or objectionable currents.**

Consult with Power Utility Co. before disconnecting service.

***NOTE: Electrical service inspections are conducted between 1:00-2:30. If work is not ready for inspection, a reinspection fee or after-hours fee may be charged.**

FOR NEW CONSTRUCTION OR CHANGES TO EXISTING POWER SERVICE PLEASE CONTACT THE POWER COMPANY IN YOUR AREA FOR POWER DESIGN & METERING REQUIREMENTS

Murray City Power
153 West 4800 South
Phone: 801-264-2730
Fax: 801-264-2731

Request for Electrical Service Information
From Architect/Engineer/Contractor

Architect/Engineer/Contractor:

Please submit this form for each building to be served by Murray City Power (MCP) for which you are preparing the electrical design specifications and plans. With this requested data, MCP will reply to you, giving the necessary electrical service information for you to complete your design. A digital copy of the site plan (showing proposed transformer location, meter base, outside disconnect, **EV chargers**) and the electrical single line diagram is required. By signing this document, you hereby acknowledge that the information provided is accurate and take responsibility for this information up to and including financial cost for the replacement of MCP equipment due to any inaccuracies contained herein.

Date: _____

Project Name: _____ Location: _____

Your Name: _____ Your Company: _____

Address: _____ Phone Number: _____

City: _____ State: _____ Zip Code: _____

Authorized Signature: _____

Project Manager or Contact Person: _____ Phone Number: _____

Total Size of building: _____ sq ft. Office: _____sq ft.

If apartment or motel, # of units: _____ sq ft. Warehouse: _____sq ft.

Manufacturing: _____ sq ft.

Anticipated date for permanent electric service: _____

Description of Electrical Loads

New Equipment	Load	Signs	Load
HVAC Tons:	Tot KW	Snow Melting	KW
Refrigeration Equipment Tons:	Tot KW	New Equipment	KW
Electric Heat	KW	X-Ray Equipment	Tot HP
Water Heating	KW	Washer/Dryer	Tot HP
Lighting	KW	Machinery Number:	
Outlets	KW	Exhaust Fans Number:	
Office Equipment	KW	Gas/Fuel/Sump Pumps Number:	
Kitchen Equipment	KW	Small Motors Number:	
Computers	KW	Compressors Number:	
Thermoplastic Injection Equipment	KW	Misc.	
Boiler			
Elevators		Itemize Equipment on Separate Page	
EV CHARGER		Totals:	

Existing Equipment: _____KW Do you have a similar facility? _____

Existing Electrical Demand: _____KW Where? _____

Service Desired from Murray City Power

Delivery Voltage: _____ 480/277 3-Phase: _____208/120 3-Phase: _____208/120 or 240/120 1-Phase _____

Customer Electric Panel Size: _____Amps Conductor Size: _____ Conductors/Phase: _____

Conduit Size: _____ No. of Conduits: _____ Secondary Service: Underground _____Overhead_____

No. of Meters needed: _____ Desired Location of Service Building: _____

Motor-Start Calculations: (Failure to supply this information may result in unsatisfactory performance during motor-starts)

Size of Largest Electrical Motor: _____HP _____Three Phase

Starting Code Letter or KVA/HP: _____ _____Single Phase

Please Itemize all Electrical motors larger than 25 Horsepower on an attached sheet.

*Are Variable Speed Drives or DC Motors in this Facility? _____Yes _____No

If yes, please attach a sheet showing number, size, usage, and anticipated current distortion.

To be fill in by MCP:

Selected Transformer: _____ KVA _____