



Centre Wellington Hydro Ltd.

730 Gartshore St. P.O. Box 217, Fergus, Ontario, N1M 2W8
Phone: (519) 843-2900 Fax: (519) 843-7601 www.cwhydro.ca

NEW SERVICE CONNECTION COMMERCIAL, INDUSTRIAL, OR INSTITUTIONAL (LOAD <300 KVA)

Please contact Centre Wellington Hydro Ltd. (CWH) if you are proposing a new business service connection or new additional business unit within CWHs service area. Connection charges may apply.

Link to CWHs service area map: [Outage and Service Area Map](#)

Typically, at a minimum, CWH will require the following information prior to beginning the process towards CWH issuing an “offer to connect” for your business project:

1. Completed CWH “Electrical Planning Requirements” Form including a service loading calculation.
2. Single line electrical drawing of proposed service.
3. Site servicing electrical drawing approved by CWH. Once approved, all electrical servicing drawings will be signed and sealed by a person appropriately licensed by Professional Engineers Ontario complete with a “certificate of approval” indicating the design complies with Ontario Regulation 22/04 - [Technical Guideline - Working - Current \(esasafe.com\)](#)
4. Site plan drawing indicating all utility plant including electrical.
5. Proposed metering design including applicable shop drawings ([METERING STANDARDS CWA1.pdf \(cwhydro.ca\)](#)).
6. Purchase order for invoicing by CWH for “Offer to Connect”.

For a business connection, the following service entrance ratings are permitted, supplied by a 300KVA CWH-owned transformer:

Max. 400A 240/120V fused at 80%
Max. 1500A 208Y120V fused at 80%
Max. 600A 600Y347V fused at 80%

For service entrance ratings above those detailed above will require a customer-owned transformer.

Typical CWH terms and conditions (T&Cs) for a new business service connection:

1. Connection Authorization (CA) from Electrical Safety Authority (ESA) is required prior to connection. It is the Licensed Electrical Contractors (LEC), responsibility to ensure the CA is sent directly to CWH.
2. The Owner shall enter into a Servicing Agreement with CWH, governing the terms and conditions under which the electrical distribution services will be provided, prior to service connection. Please contact CWH customer service team at 519-843-2900 ext “0” or enquiries@cwhydro.ca to enter a service agreement.



Centre Wellington Hydro Ltd.

730 Gartshore St. P.O. Box 217, Fergus, Ontario, N1M 2W8
Phone: (519) 843-2900 Fax: (519) 843-7601 www.cwhydro.ca

-
3. The owner will supply and install a meter socket complete with collar acceptable to CWH. Meter sockets will be directly accessible to CWH and be:
 - a. Mounted 1.7m from finished grade to the centre of the meter and, either on the exterior of the front of the building or, within 3m of the front of the building on the driveway side.
 - b. Installed ahead of (on the line side) the main disconnect switch.
 - c. Installed in a location which is and will remain unobstructed by fences, hedges, expansions, sunrooms, porch enclosures, and any other impediments.
 4. Absolutely no work shall be done on the distribution system without written permission from CWH.
 5. The meter base shall be located outdoors in a location that is readily accessible.
 6. Recessed or enclosed meter bases are not permitted.
 7. A clear, safe, level working space of not less than 1.2m (48") shall be provided directly in front of the meter base to ensure the safety of workers.
 8. There shall be only one electrical service delivery point per parcel of land.
 9. In circumstances where two existing services are installed to parcel of land, and one service is to be upgraded, the upgraded service will replace both the existing services.
 10. CWH shall inspect all installations that will form part of the distribution system, including underground trenches and underground cable, prior to service connection. It is the customer's responsibility to ensure CWH is notified when this work is taking place so that arrangements can be made for inspection. Inspections can be requested by calling 519-843-2900 ext "0".
 11. All service cables intended for operation under 750V are to be installed in CSA-approved, 75mm (3") DB-2 duct that is laid in a sand-bedded trench complete with caution warning tape.

For questions specific to your proposed installation contact:

Matthew Aston, Manager, Operations

P: 519-843-2900 x236

E: maston@cwhydro.ca

NOTE – Information is supplied to provide best available information for a typical new service request, however, subject to change at CWHs discretion. CWH reserves the right to request additional information on a “per project” basis.