

# THE UNIVERSITY OF BRITISH COLUMBIA



**UBC Energy & Water Services**  
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## Requirements for Energization of Low Voltage Electrical Services at UBC

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The following documentation is required prior to the energization of any low voltage (less than 750 volts) electrical service at the University of British Columbia. Furthermore, all cabling must be completed & ready for the final connection to any point within the University's power system. In conjunction with these requirements, Service Shutdown & Service Connection Permit applications must be submitted & approved in advance as per the general contract documents.

### **Required Documentation or Conditions for Energizing Low Voltage Electrical Services:**

1.  Provide the Coordination Curves for the distribution centre protection (if applicable).
2.  Provide a copy of Manufacturer's Shop Drawings for the distribution centre, including layout of all protection and secondary metering wiring (if included).
3.  Provide a copy of cable megger tests between all phases and between phase and ground.
4.  Provide a copy of the approved FINAL PROVINCIAL ELECTRICAL INSPECTION CERTIFICATE for the distribution centre.
5.  The entire main electrical room must be clean & clear of debris.
6.  The entire distribution centre must be completely closed with all the covers & doors bolted closed.
7.  Provide the consulting electrical engineer's recommendation to energize the substation.
8.  UBC Energy & Water Services may require, for reasons of worker safety, that all major sub-distribution feeder cables have been pulled and prepared for termination within the main distribution centre.

Prior to energization, all required documentation must be sent to UBC Energy & Water Services.

Indicates documentation received or conditions met