

Single Line Electrical Diagram Requirements

The diagram is to show the project proposal from the generator array to the connection point to Hydro Ottawa's distribution system. This diagram will include, in detail, all electrical components required to complete the installation (i.e. array equipment, disconnect switches, meter base sockets, splitter troughs, phase loss protection and other equipment as required).

Multi-residential (2+units) and all commercial premises require an engineering drawing stamped by a P. Eng along with the premises electrical room single line diagram included.

Single phase inverters on a three phase service will not be permitted. Only three phase inverters on three phase services will be accepted.

The single line electrical diagram requires a title block to indicate the following;

- Location's address
- Output voltage to the distribution system
- Solar array rating
- Inverter rating
- Nameplate capacity

Be sure that the diagram is complete and has the proper information in the title block for each location in order to have your connection request processed.