



Residential Reliability Improvement Program

Preliminary Home Assessment Photo Guidelines



To assess your home's eligibility with the program and its technology, we need to review your electrical compatibility and potential install locations for the battery energy storage system.

The photos outlined below will be reviewed alongside your responses to the Preliminary Home Assessment questionnaire, which consists of the following four brief sections:

- Customer Information
- General Information About Your Home
- Internet Connection
- Electrical Information

Please ensure that your photos follow the guidelines below and are not blurry.

Once you complete the questionnaire and submit your photos, a member of the Residential Reliability Improvement team will contact you.

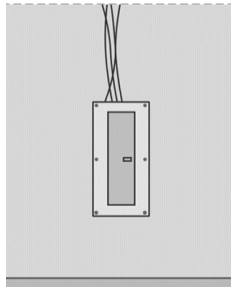


Part A: Electrical Assessment

1. Main Electrical Panel

Take photo from ground up with at least 3'0" framing around the panel and the floor for context.

Phone Picture Frame

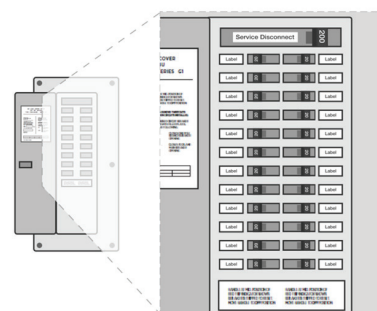


Include the ground in the shot

2. Circuit Breakers

Make sure labels and numbers are in focus and legible so we can see the loads.

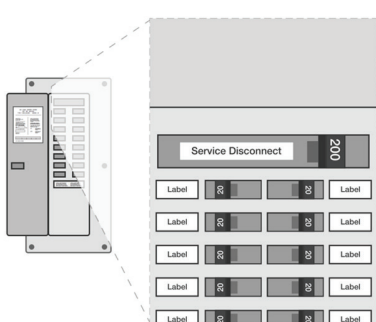
Phone Picture Frame



3. Close-up of Main Breaker/ Service Disconnect

This is typically located at the top of the panel.

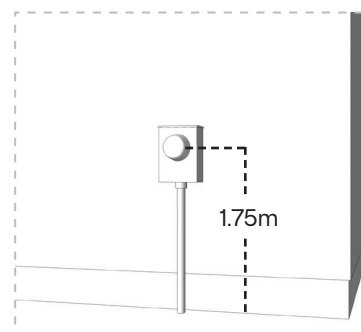
Phone Picture Frame



4. Close-up of Meter Base

Take photo with at least 3'0" framing around the hydro meter and the ground so we can see if there is something installed around the meter and the height.

Phone Picture Frame



Include the ground in the shot

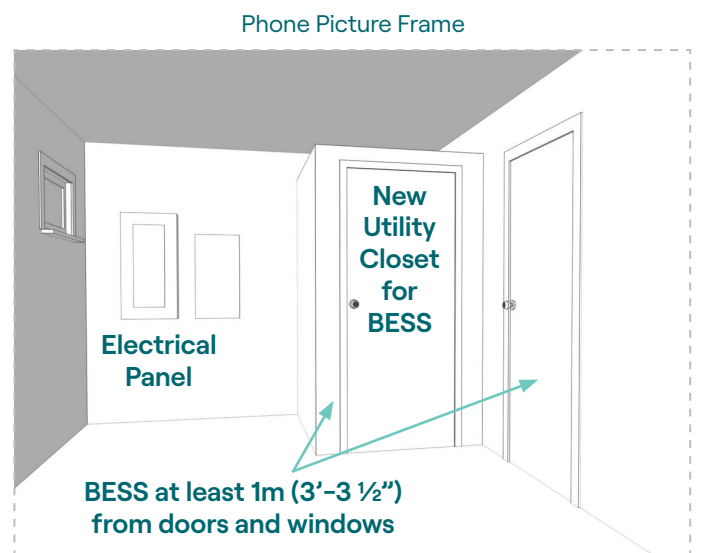
Part B: Install Location Assessment

We are currently focused on installation in insulated and heated spaces because the operating temperature for Tesla Powerwall™ is -20°C to 50°C (-4°F to 122°F). There are three install location options available.

1. Inside your Home

After reviewing the installation conditions and space requirements outlined in the virtual form, take a wide photo of the room where you want to install the utility closet for the battery energy storage system (BESS).

Choose a location as close to the main electrical panel as possible. For example, on the same wall or the other side of the wall or on the floor above the electrical panel. Take photo from floor up for context.



The following conditions must be met to install the battery energy storage system (BESS) inside your home:

- Located in a dedicated storage room, utility closet, or similar area that does not open directly into sleeping areas;
- The room has a fire rating not less than 1 hour as per the Ontario Building Code;
- The room is equipped with an interconnected smoke alarm or detector;
- The batteries are spaced at least 1m (3'-3 1/2") from any door and window; the ceiling height is at least 6'-7" (2m) with a 3'-3 1/2" (1m) square working space clearance in front of the batteries; and
- Installed as close as possible to your main electrical panel. For example, on the same wall or on the other side of the wall or on the floor above the electrical panel.

Space Saving Fire Rated Utility Closet:

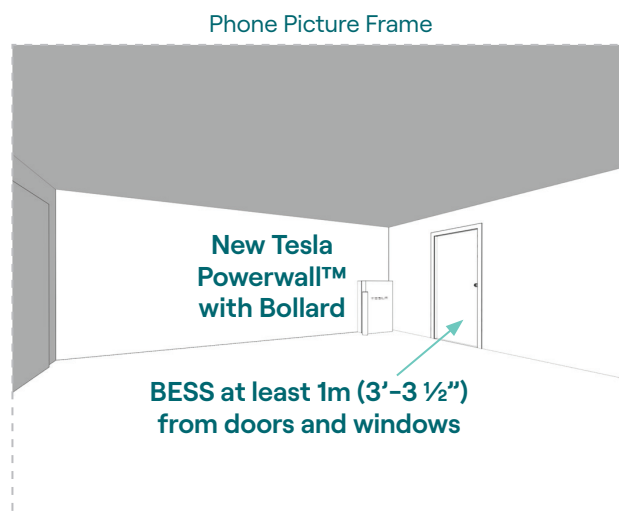
Hydro One has designed a space saving fire rated utility closet. The size of the utility closet depends on whether the batteries are installed in a stacked configuration, one in front of the other, or a side-by-side configuration.

Most installations will use a stacked configuration with a utility closet 4'-6" wide by 2'-0" to 4'-9 1/2" deep by 7'-2" high. An additional 1'-8" to 3'-4" is needed in front of the 2'-0" closet for the door swing, requiring a total depth of 3'-8" to 5'-4" depending on whether a single or double door is installed.

2. Inside your Garage

If there is no space to install the BESS inside your home, it may be installed in your garage. We are currently installing in heated garages. If your garage is not heated, we can discuss options and future planning with you.

Take a wide photo of your garage from the floor up for context.



3. Inside an Outdoor Shed or Outbuilding

If there is no space to install the BESS inside your home or garage and there is an existing shed or outbuilding on your property, we can discuss options and future planning with you.

Take a wide photo of the proposed location in your shed or outbuilding with the door fully open for context.

