



June 29th 2015

Clarification as to the amperage rating of a residential electrical service

As per discussions with:

Gerry Wiles, Chief Electrical Inspector for the City of Edmonton.

Steve Jerebic, Epcor Residential Meter Forman

Rob Swyrd, Director Robart Electrical Services Ltd

We discussed adopting the statement that:

**"If no 100 amp main breaker exists in the main electrical panel,
then this is classified as a 60 amp electrical service"**

The "main panel" is identified as the electrical panel closest to the exterior power meter.

We agreed this statement could be used as a "general rule of thumb" with a disclaimer.

Disclaimer: In the event that the main electrical panel had a 60 or 70 amp main breaker that was replaced with a 100 amp, in an effort to appear that a service upgrade had been done, then this is still a 60 amp service. Three things must be in place for it to be considered a 100 amp service:

- (1) The main panel must be rated for and have a 100 amp main breaker
- (2) The metal box holding the glass meter must be rated for 100 amps, (normally square or rectangular)
- (3) The overhead connection point for the wires must be a minimum 3500mm (11' 6") above grade

Note:

- If there is a second "sub" panel existing with a 100 amp breaker this is not the main panel.

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