



CATCHING UP: MODERNIZING CANADA'S ELECTRICITY MARKETPLACE

To enable a prosperous and carbon neutral Canada, policies and regulations must catch up and keep pace with demand and technology. Changes to Canada's electricity rules and regulations can accelerate the adoption of clean technology. One set of needed changes are the rules for electricity contractors, who are the people that sell electricity.



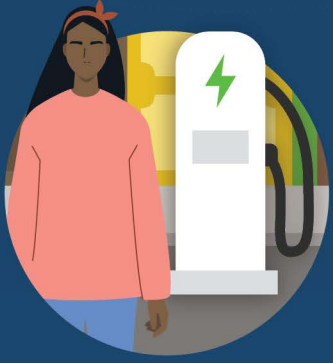
Contractors big or small face the same administrative burden as a sophisticated utility which creates a significant barrier to market entry.



Electric utilities are contractors, but so is anyone who uses new technology (solar panels, batteries, electric vehicle chargers, etc.) to sell energy.



All contractors must perform complex activities that are well outside the expertise of non-electric utility people.



FIONA WANTS TO INSTALL ELECTRIC VEHICLE CHARGERS IN FRONT OF HER GROCERY STORE

Fiona wants to charge drivers for the electricity they use just like a gas pump but she can't under the current rules for electricity contractors. **CEA has a solution though.**

CURRENT RULES:

CEA PROPOSED CHANGES:

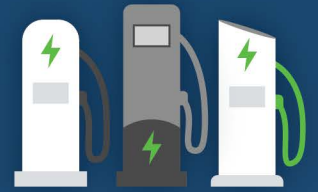


Deployment of approved meters

There are no approved meters for charging stations. Fiona would have to charge drivers for the time they spend charging rather than the electricity they use.

Deployment of approved meters

Right now Fiona has many chargers with approved meters she can install and Fiona can charge drivers for the electricity they use.

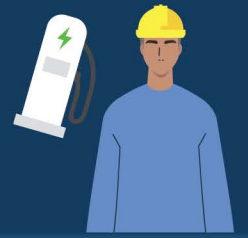


Registration with Measurement Canada

In the future, when there might be approved devices, Fiona must register as a contractor with Measurement Canada.

Registration with Measurement Canada

Fiona decides her core business is a grocery store and she hires someone else to be the Measurement Canada registered contractor.



Meter maintenance

Fiona is solely responsible for ensuring the accuracy of the meter in the EV charger which is outside of her expertise.

Meter maintenance

The registered contractor is responsible for maintenance and advises Fiona of the rules and regulations.



Data collection and reporting

Fiona must collect the names and addresses of everyone who uses her EV chargers. Protecting people's private information is not something Fiona has experience with.

Data collection and reporting

The government lets Fiona treat her EV chargers like gas pumps and she does not have to collect her customers' names and addresses.



Participation in Measurement Canada dispute resolution process

Fiona can face monetary penalties if she hasn't correctly done all her contractor duties.

Participation in Measurement Canada dispute resolution process

Fiona's contractor is responsible for the audit and understands the rules and regulations.



To achieve our climate goals & boost the economy, Canada must support people like Fiona by modernizing the rules for electricity contractors.

Please see CEA's report at electricity.ca/electricvehicles to learn more about how Canada can help Fiona and all those like her grow and decarbonize our economy.

