SAFETY OF

SMART METERS



ABOUT SMART METERS

Smart meters are wireless devices that transmit information using radiofrequency electromagnetic fields (EMF) to let utility companies know how much water, gas or electricity a household or business is using.

HEALTH EFFECTS OF EXPOSURE TO SMART METERS

There are **no health risks** from exposure to radiofrequency EMF from smart meters. These devices must meet standards to ensure they do not exceed radiofrequency EMF exposure limits.

As with any device that emits radiofrequency EMF, you will absorb some of the energy emitted by smart meters if you are nearby. The amount of energy you absorb depends largely on how close your body is to a smart meter.

Your exposure to radiofrequency EMF from smart meters is very low. This is because:

- smart meters emit relatively low power signals
- there is distance between your body and smart meters
- smart meters transmit data in short bursts, not continuously
- when smart meters are not transmitting a signal, they do not emit radiofrequency EMF

Even if you live or work in a townhouse or high-rise building where multiple smart meters are installed together, your total exposure levels will still be far below Canadian exposure limits due to the infrequent nature of transmissions.

You **do not** need to take any precautionary measures to reduce your radiofrequency EMF exposure from smart meters because the exposure levels are far below Canadian safety limits.

The radiofrequency EMF given off by smart meters is a type of non-ionizing radiation. The level of radiofrequency EMF that a smart meter device can emit must comply with the standards established for radiocommunication devices.

Visit **Canada.ca** and search **Smart Meters** for more info.

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