

# Advanced Meters

## What is an Advanced Meter?

An Advanced Meter is an electric or gas meter equipped with two-way communication technology that provides meter readings and securely transfers usage information to Mt. Carmel Public Utility Co. for billing and operational purposes. Advanced Meters virtually eliminate estimated bills, enable quicker service activation, and identify electric outages faster. With Advanced Meters, you will have more usage information provided in SmartHub, or when using our SmartHub app, helping you easily monitor your energy consumption.


### Advanced Meters are Convenient

Old Meters	VS.	New Meters
✓	Reliable Way to Measure Energy Usage	✓
	Faster Service Activation	✓
	Faster Outage Notification	✓
	Online Tools to Help You Manage Your Energy Use	✓

### Advanced Meters are Safe

Advanced meters transmit weak radio signals 3 minutes per day on average, which means they are not transmitting 99.78% of the time. The amount of radio waves emitted by a typical cellphone in one month is equal to the amount a smart meter will give off in approximately 1,000 years. Compare this information with examples of radio frequency in the everyday environment to the right.  
(Displayed as milliwatts per square meter)

  
<.2  
Microwave Oven

  
.0001  
Electric Smart Meter

  
1-5  
Cellphone

  
<.001  
Wi-Fi Wireless Router

### Advanced Meters are Secure

No personal identification or other information is used or stored at the meter.

### Advanced Meters are Reliable

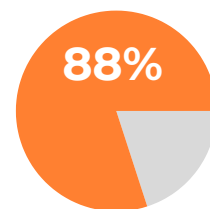
Advanced meter technology has been thoroughly tested for accuracy and reliability by manufacturers, energy utilities and U.S. and Canada standards organizations. In fact, ongoing tests have shown that Advanced Meters are often more accurate than analog meters. Our Advanced Meters are built to the 0.2 percent accuracy class, which is the highest accuracy standard for electrical meters.

### Advanced Meter Facts:

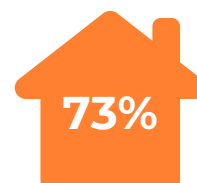


**119 million Advanced Meters have been installed across the country.**

\*Includes hourly interval meters and real-time meters that are capable of recording and transmitting instantaneous data.



**88% or 83.4 million were residential.**



**Almost 73% of residential units have an Advanced Meter.**